BACHELOR OF APPLIED COMPUTER SCIENCE
Information technology is transforming modern business, accelerating discovery in science, revolutionizing medicine, and expanding the reach of social enterprises. What an organization can achieve today often depends on its ability to use technology in innovative ways to transform how they operate and to empower their people.

The Bachelor of Applied Computer Science at Dalhousie University is an applied program of study that graduates leaders with a deep understanding of how to develop, manage, and deploy technology so that organizations can achieve their goals. Students – many of whom have never coded before – not only develop programming skills, but also learn how to design, manage, and deploy complex technologies within organizations. The focus in this degree is on problem solving, applied computing and management skills, rather than on mathematical modeling or theory.

**ADMISSIONS**

Here's what we’re looking for:

- Grade 12 English
- Academic mathematics
- Three additional acceptable university-prep courses

**MINIMUM FINAL GRADES**

- English and mathematics: 65%
- Other subjects: 60%
- Overall average: 70%

**optional Co-op terms**

**Project and team-oriented courses**
WHY STUDY APPLIED COMPUTER SCIENCE AT DALHOUSIE?

Dalhousie’s Faculty of Computer Science offers two undergraduate degree programs – Applied Computer Science and Computer Science – that will give you the technical know-how to navigate and succeed in our ever-changing world.

We have more computer science professors and researchers than any other university in Atlantic Canada. Our professors are attentive and your success is important to us. Here, you won’t just read about the latest innovations – you’ll be part of making them happen.

We have our own team of advisors dedicated to working with Applied Computer Science students to find the path through your degree that matches your own aspirations.

**SENSE OF COMMUNITY**

Our sense of community begins with the fellow students, staff, and professors at Dal and extends to our learning environment, the Goldberg Computer Science Building, which is a dynamic space that fosters learning and collaboration with professors and fellow students. Our atrium, coffee shop and open-concept workspaces provide natural gathering areas for staff and students to meet. Support for learning begins with our learning centre where tutors are available throughout the week and is complemented by both private and collaborative study spaces.

In addition to the friends you’ll make in classes and common areas, you can get involved in one of our two undergraduate student societies. The CS Society represents and supports all undergraduate students within the Faculty of Computer Science and plans academic and social events. The Women in Technology Society (WiTS) started as a supportive community among the female students, but has more recently worked towards creating environments that embrace all diversity among the students. Attend any of their events or go one step further join their organizing teams.

**COURSES**

Courses in web systems, project management, information security, software engineering, databases, business, and management information systems give students the skills to analyze problems, manage and lead teams to solve those problems, and communicate solutions back to the wider organization.

The focus in the Bachelor of Applied Computer Science is to give students the foundations to develop solutions to real world problems using proven technologies.

**PRACTICAL STUDIES**

At the heart of the Applied Computer Science degree is a sequence of practicum courses in which integrated teams consisting of students from years 2-4 work together on large-scale projects to solve problems posed by non-profit organizations and industry partners. Students learn by doing and by experiencing different team roles that are critical to the success of real-world software projects. In addition to technical skills, students develop the people, communication, and management skills that are critical to success.

**CO-OP PROGRAM**

The co-op education program is a popular and optional component of the Bachelor of Applied Computer Science and integrates academic study with three four-month, relevant, paid work terms. Students apply what they have learned in class to real-world work environments, then apply what they have learned at work back in the classroom while earning approximately $10,000 per work term.

Upon graduation, students enter the job market with the advantage of practical work experience.
YOUR FUTURE

STRONG COMMUNICATORS, PROBLEM SOLVERS

NOT ONLY ARE OUR GRADS HIGHLY TRAINED TECHNICAL PROFESSIONALS, they’re also strong communicators, problem solvers, and team players – with skills that have made them highly sought after in this growing job market.

HIGHLY SOUGHT AFTER FOR YOUR UNIQUE SKILL SET

WHAT KINDS OF JOBS DO OUR ALUMNI HAVE?

• Application Developers
• Business System Analysts
• Data Analysts
• Entrepreneurs
• Information Architects
• Marketing Technologists
• Project Managers
• QA Analysts and Coordinators
• User Experience Designers
• Web Developers

APPLY YOUR DEGREE IN ANY FIELD OF INTEREST

OUR GRADUATES HAVE FOUND WORK ACROSS ALL INDUSTRY SECTORS from information communications technology to oceans, government to financial and insurance.

An Applied Computer Science degree allows you to apply your degree in any field you’re interested in.

dal.ca/studyappliedcomputerscience

FACULTY OF COMPUTER SCIENCE
Dalhousie University  |  6050 University Avenue
PO Box 15000  |  Halifax Nova Scotia  B3H 4R2  Canada
Tel: 902.494.2093  |  undergrad@cs.dal.ca  |  dal.ca/studyappliedcomputerscience