UVIC

DESIGN THE FUTURE

ENGINEERING AND COMPUTER SCIENCE STUDENTS 2023-24

University of Victoria

Choose your program.
Get real-world experience.
Find your community.
Design the future.

Computer Science — Hone your technical and problem-solving skills in one of the world's top-ranked computer science programs.

Software Engineering — Create the future in our renowned software engineering program by developing secure, reliable, scalable solutions to address society's challenges.

Electrical Engineering — Push the edges of technology in UVic's electrical program. Work on 5G technology, energy generation, automobiles, drones, robots and more.

Computer Engineering — Design and create state-of-the-art products and devices from network servers to embedded micro-controllers to computer networks.

Mechanical Engineering — Explore clean energy systems and renewable technologies. Study automotive, aerospace, marine and robotic systems. Investigate the manufacturing processes we use to produce advanced materials and micro-devices.

Biomedical Engineering — Engineer the future of health care with Western Canada's first accredited biomedical engineering program. Study engineered human tissues, 3D prosthetics and more.

Civil Engineering — Develop the skills to design green buildings, develop smart infrastructures and reduce the impacts of society on the environment in Canada's greenest civil engineering program.

Explore your career with co-op

Co-op offers a unique approach to help you **start building your career while you're still at university.** It's designed to work around your academic courses, so you'll complement what you're learning in class with practical workplace experience.

- The average monthly engineering co-op salary is $3,493. Co-op terms are four months.
- Four co-ops are mandatory for engineering and optional for computer science students.
- Graduate with 16 months of work experience and earn more than $55,000 (on average) over the course of your degree.

Sample co-op schedule

Alternate terms in school with terms in a job related to your program and get real-world experience as you learn. Start planning your co-op adventure at **uvic.ca/coopandcareer.**

	SEP-DEC	JAN-APR	MAY-AUG
YEAR 1	TERM 1A—STUDY	TERM 1B—STUDY	TERM 1C—STUDY OR WORK 4 MONTHS & EARN ≈ $13,900
YEAR 2	TERM 2A—STUDY	WORK 4 MONTHS & EARN ≈ $13,900	TERM 2B—STUDY
YEAR 3	WORK 4 MONTHS & EARN ≈ $13,900	TERM 3A—STUDY	WORK 4 MONTHS & EARN ≈ $13,900
YEAR 4	TERM 3B—STUDY	WORK 4 MONTHS & EARN ≈ $13,900	TERM 4A—STUDY
YEAR 5	WORK 4 MONTHS & EARN ≈ $13,900	TERM 4B—STUDY	

Figures are based on engineering co-op salaries.

Each year, UVic's Formula Racing Team designs and builds a Formula-style race car and competes in the largest intercollegiate engineering design competition. The team is currently building an electric vehicle in addition to the internal combustion car pictured here.

Make friends and build your skills in clubs

Make friends with similar interests by joining a club where you'll develop skills and knowledge to offer future employers.

DESIGN TEAMS

- Autonomous Underwater Vehicle Club
- Biomedical Engineering Design Team
- Concrete Canoe Club
- Formula Hybrid Team
- Formula Racing Team
- Aeronautical Engineering and Research Organization
- GameDev Club
- Rocketry Club
- Submarine Racing Club
- Virtual and Augmented Reality Club
- Seismic Design Team
- Satellite Design Team
- Robotics Club
- UVic Renewable Energy Club

OUTREACH CLUBS & STUDENT SOCIETIES

- Leadership Through Diversity
- Women in Engineering and Computer Science
- VikeLabs software club
- Engineering Students' Society

PROFESSIONAL ASSOCIATIONS

- Canadian Federation of Engineering Students
- Canadian Society for Civil Engineering
- Engineers Without Borders
- Institute of Electrical and Electronics Engineers

Estimated first-year fees

FEES FOR **CANADIAN CITIZENS** OR **PERMANENT RESIDENTS**

	TOTAL
Engineering tuition	$7,116.56
Computer Science tuition	$6,688.88
Engineering co-op program	$760.98
Computer Science co-op program (optional)	$760.98
UVic Student Society	$147.70
Engineering Student Society	$60
UVic Athletics (on-campus courses only)	$188.62
UVSS bus pass (on campus courses only)	$162
UVSS Extended Health	$189
UVSS Dental Health	$189
Total fees estimate	$8,326 to $8,812

FEES FOR **INTERNATIONAL STUDENTS**

	TOTAL
Engineering tuition	$32,695.73
Computer Science tuition	$30,035.70
Engineering co-op program	$1,414.68
Computer Science co-op program (optional)	$1,414.67
UVic Student Society	$147.70
Engineering Student Society	$60
UVic Athletics (on-campus courses only)	$188.62
UVSS bus pass (on campus courses only)	$162
Mandatory temporary medical insurance	$265
UVSS Extended Health	$189
UVSS Dental Health	$189
Total fees estimate	$32,591 to $35,311

This is an estimate only and should be used to give students, parents, and/or sponsors an approximation of the tuition and ancillary fees that will be due. This estimate does not include housing, food, cost of books and supplies or other expenses that students can expect to incur in a term. Estimated fees shall not be binding to the University of Victoria. Tuition and student fees based on 2022-2023 rates. Final costs will be determined by the student's actual registration. All figures may be subject to change. All fees are in Canadian dollars. Learn about tuition, fees and budgeting at **uvic.ca/tuition.**

Paths to becoming a licensed professional engineer

There are many paths to becoming a licensed professional engineer. Paths that include a UVic Engineering degree will get you there sooner.

UVic's Engineering degree is accredited by Engineers Canada, which means you're guaranteed it includes all courses necessary for licensure. Non-accredited engineering degrees may require you to take additional courses after you graduate to satisfy licensing requirements.

UVic's mandatory engineering co-op program gives you 12 months of engineering work experience before graduation that counts toward your licensing application. This gets you to professional status sooner than programs in which co-op is optional.

SIDNEY REIST
BIOMEDICAL ENGINEERING | 2018

1ST YEAR

Transfers to UVic from the College of the Rockies first-year engineering bridge program.

2ND YEAR

Joins intramural volleyball team and completes a volunteer-internship with a local custom prosthetic company to learn more about biomedical engineering applications.

3RD YEAR

Completes a mechanical engineering co-op with WhiteWater West Industries, a waterslide design and manufacturing company. Also joins BioDev, UVIc's Biomedical Development student group.

4TH YEAR

Completes a fly-in-fly-out mechanical engineering co-op at a dam in Northern BC where she discovered her passion for the construction industry.

5TH YEAR

The Faculty of Engineering and Computer Science awards her final design project-team first place for the device they developed—a new design of an epidural needle. Decides to pursue a career in the construction industry after graduation.

TODAY

As Project Manager with EllisDon Corporation, she oversees construction projects from tenant improvements to new construction builds on Vancouver Island and the Lower Mainland.

CHANDULA KODITUWAKKU
COMPUTER SCIENCE | 2021

1ST YEAR

Attends cybersecurity conferences and volunteers as a mentor for the Computer Science Seniors Program.

2ND YEAR

Completes co-op as a UVic computer help desk analyst. Completes co-op at BC Investment Management Corp in Victoria as an IT infrastructure technician.

3RD YEAR

Completes co-op at the Royal Bank of Canada where he helped develop a chatbot. Assembles a team of students to enter a national cybersecurity competition — and wins first place.

4TH YEAR

Nominated for UVic's Co-op Student of the Year. Completes co-op at BC Pension Corporation as a junior security analyst. Guest speaker at several cyber-security conferences.

TODAY

Cyber risk analyst at Deloitte Canada.

Scholarships

Going to university is an investment in your future. UVic offers several grades-based scholarships to help offset the costs of your university expenses.

As a domestic or international high school student, you may be eligible for entrance scholarships when you receive a conditional offer based on your in-progress grades submitted no later than **March 15**. For deadlines, see **uvic.ca/entrancescholarships.**

Additional scholarships are available to

- Women who are Canadian citizens or permanent residents of Canada, Indigenous Engineering and Computer Science students with a minimum admission average of 85%
- Indigenous students with a minimum admission average of 85%

If you meet more than one scholarship criteria, scholarships may be combinable!

Scholarship values change each year. Learn how and when to apply for scholarships at **uvic.ca/entrancescholarships.**

Start planning how you will design the future

Meet your Engineering and Computer Science Recruitment Officer.

Come for a visit.

Scan here to choose the programs and opportunities that are right for you.

customviewbook.uvic.ca

250-472-5569 | engcsrecruit@uvic.ca | **uvic.ca/ecs-undergrad**

University of Victoria