BACHELOR OF ARTS
Computer Science

Major description

Learn the theory, design, development, and application of computers. Explore computational intelligence, bioinformatics, and computer animation. The Bachelor of Arts (BA) program allows students to use their artistic creativity with technology to benefit society and millions of users.

This program appeals to students interested both in computer science and visual arts (game or website design), psychology (cognitive science, and human and computer interaction), English (technical writing), languages (automation of text translation), philosophy (computer ethics), or law (information security, privacy, and forensics).

Program highlights

Register in courses such as:
- COSC_O 123 — Computer Creativity
- COSC_O 322 — Introduction to Artificial Intelligence
- COSC_O 414 — Computer Graphics

Complete a Certificate in Communications and Rhetoric.

Your career options

Develop the skills and knowledge needed to work in career positions such as application developer, game designer, desktop publisher, animator, or quality control specialist.

Visit the Computer Science webpage and scroll down to the "Careers and Outcomes" heading for more employment information.

Looking for support?

UBC Okanagan provides a broad range of support services from admission through to graduation. Visit Student Support and Resources for a full list. Some examples are included below:

- **Academic & Career Development** provides academic and career support for all undergraduate students
- **Indigenous Programs & Services** offers services including academic and career advising, experiential learning opportunities, peer mentoring and tutoring for First Nations, Métis, and Inuit students
- **International Student Advising** supports international students with immigration, employment in Canada, and more
- Faculty **Program Advisors** provide faculty-specific academic support
- **Disability Resource Centre** assists with disability-related accommodations and programming initiatives to help remove barriers for students with disabilities and ongoing medical conditions
- **Counsellors** help students examine and explore their behaviors, relationships, feelings, or thoughts that cause concern or challenges
- **Financial support** is available to help students learn to budget, pay tuition, or apply for awards and scholarships
- The **Student Learning Hub** offers free learning supports such as subject tutoring, learning strategies, and writing consultations

How to use the Program Plan:

Tuum est! This Program Plan is designed to help shape your UBC experience, challenge yourself to try new things, and become the person and scholar you want to be to help make your time at UBC Okanagan yours. The Program Plan offers suggestions – you don't have to do it all!

The Program Plan includes four categories:
- **Explore the Major:** Explore what you'll be studying and learning. Make connections between your program and future career or education opportunities and goals.
- **Connect and Build Community:** Making connections will help develop your support network throughout your studies and beyond.
- **Engage Locally and Globally:** Get ready for life beyond UBC by accessing programming and resources aligned with your goals, interests, and career pathways.
- **Develop Skills and Gain Relevant Experience:** Expand your capacity to understand the changing world and embrace different perspectives by seeking out new experiences and opportunities.

Legend

Experiential Education opportunities are highlighted with a ➡ symbol.

Plan ahead! Statements highlighted with a ✔ symbol must be completed during a specific term(s) or have an associated deadline.

Getting Started
First-year standing

Moving Through Your Degree
Second-year standing

Moving Through Your Degree
Third-year standing

Preparing for Graduation and Your Future
Fourth-year+ standing

Explore the Major

Explore the Computer Science program by visiting the Department of Computer Science, Mathematics, Physics and Statistics website and reviewing the Academic Calendar.

Learn more about your major requirements by visiting the Degree Planning webpage and reviewing the First-Year Planning Guides.

Book an appointment with an advisor to discuss program or career-related questions. Find the advisor that is right for you by reviewing advising options available.

Visit the Student Learning Hub throughout your degree for free supports from peers and professionals that include tutoring in math, sciences, languages, and writing.

Declare the Computer Science major in Workday during the registration period between June and mid-September after completing a minimum of 48 credits.

Find unique courses to fill your elective requirements or add a minor.

Meet with an instructor or TA during office hours: ask a question, discuss an assignment, or go over lecture material.

International Students: Contact International Student Advising to review your study status.

Considering further education? Find graduate programs at UBCO and beyond. Research application requirements, admissions information, and funding options.

Explore a topic of interest in depth by participating in ✔ ➡ Undergraduate Research. Apply for an Undergraduate Research Award to fund your research.

Explore ✔ ➡ co-op opportunities to strengthen your skills and build your work experience by applying to the Co-operative Education Office. Applications open in September to students with 3rd year standing or higher.

Study abroad by participating in a ✔ ➡ Go Global program such as exchange, faculty-led global seminar, or research abroad.

✔ Consider applying for the Dual Degree Master of Management.

Market yourself to employers by reflecting on your UBCO experience and identifying the skills and knowledge you developed through the activities you participated in. Meet with a Career Development Specialist for help with your resume, cover letter, and job search strategy.

Schedule an appointment with an advisor the term before you plan to graduate to ensure that you will meet all academic graduation requirements.

Review graduation eligibility requirements and deadlines before you ✔ apply to graduate and learn about convocation.

BACHELOR OF ARTS
Computer Science

THE UNIVERSITY OF BRITISH COLUMBIA
Okanagan Campus

Explore Experiential Education
Participate in hands-on, immersive learning experiences.

Explore high-impact, "learn-by-doing" experiences that take your education beyond the classroom. Whether on- or off-campus, paid or volunteer, participating in directed experiences and focused reflection helps to increase knowledge, develop skills, clarify values, and build your capacity to contribute to your communities.

Experiential Education opportunities are highlighted with a ➡ symbol.

Most opportunities highlighted below can be pursued at any time. Opportunities with timelines or deadlines are noted with a ✔ symbol.

Visit the Experience & Involvement Hub to explore these opportunities and more!

Connect your experiences

Whether you're new-to-UBCO or nearing graduation, reflect on the questions below to help connect your values, interests, and education to your future career or personal goals. Practicing reflection can help deepen your learning, strengthen your connections, and encourage life-long learning. These questions are meant to help you build a UBC Okanagan experience that is unique to you.

- What are you hoping to learn as you progress through your degree?
- What kind of career are you interested in after completing your degree?
- How will the skills and knowledge you acquire during your studies help you in your career after graduation?
- What relationships and experiences are you hoping to gain from your time at university?

A Career Development Specialist can help guide you through the reflection process to bolster the connections between your experiences, skills, and goals. For a deeper reflection, track your experiences in the Experience & Involvement Hub.

Getting Started: Explore new opportunities and interests.	**Develop Interests and Broaden Perspectives:** Get more involved and build your skills and connections.	**Immersive Experiences:** Take part in unique opportunities and programs. Find ways to immerse yourself in your experiences.
Connect & Build Community		
New to UBC? ✔ Participate in orientation and transition programming to connect with other students and get involved in the campus community.	Enrich your university experience as a computer science student and improve your career prospects by participating in BC Hacks with the Computer Science Course Union. Meet peers and participate in activities by joining a student association.	Explore professional associations such as the Canadian Information Processing Society (CIPS) for more information about potential careers, networking and professional development opportunities, and more.
Find on-campus events to meet new people and get involved with the campus community using the Events Calendar.	Get active! UBCO Recreation offers activities like intramural sports, fitness classes, and other special events and activities.	Give back to the campus community by volunteering or applying to work on campus: Student & Alumni Job Board.
Follow @UBCOStudents on Instagram for campus tips, opportunities, and event updates.	Build your networking skills with alumni working in careers in your desired industry by using Ten Thousand Coffees and LinkedIn or by attending career events and workshops.	Create your own student association, study group, or social club to connect with peers.
Attend a Heat Varsity Athletics game. Admission is free with your student UBCcard.	Commuting? Visit the Collegia spaces on campus to relax, study, and socialize with others.	
	Planning to live on campus? ✔ ➡ Apply to join a Living Learning Community.	
Develop Skills & Gain Relevant Experience		
Use the Events Calendar to find on-campus opportunities for personal and professional development.	Apply to the ➡ Work Study program to build skills and grow your professional network with paid on-campus positions that work around your class schedule.	Find other work opportunities or apply to the ✔ ➡ Co-op Program to strengthen your resume.
Connect with the Academic & Career Development team for support with exploring opportunities that will help you achieve your career or education goals.	✔ Apply to Entrepreneurship@UBCO to explore your start-up ideas through mentorship and training programs.	Summarize and organize your academic and out-of-classroom experiences and accomplishments in a resume, CV, or portfolio with help from a Career Development Specialist.
Looking to volunteer, intern, or gain work experience? Assess what experience you have and fill any gaps by participating in Career Development workshops and finding opportunities on the Student & Alumni Job Board.	Book an appointment with a Learning Strategist at any stage in your degree for help with study skills and learning strategies.	Gain leadership experience by running for an executive position in a student association or the Student Union Okanagan (SUO).
	Investigate requirements for full-time jobs or other opportunities related to careers of interest by looking at job boards and employer websites.	
Engage Locally & Globally		
Learn about UBCO's commitments to Truth and Reconciliation and Indigenous initiatives.	Participate in cross-cultural initiatives organized by the Global Engagement Office (GEO) to increase cultural awareness and grow professionally.	Attend Kelowna community events to get connected and learn about different cultures, activities, and experiences that make the Okanagan unique.
Explore course options and electives that broaden your own perspectives and worldviews.	Get involved with Student Union Okanagan (SUO) resource groups:	Engage with your community in a meaningful way and help to create social change by participating in the ✔ ➡ Community Service Learning program.
Learn about programs and supports available through the Equity & Inclusion Office.	• Indigenous Peoples Collective (IPC) • Peer Support Network (PSN) • Pride Resource Centre (PRC) • Women's Resource Centre (WRC) • Sex Positivity Centre (SPC)	