BACHELOR OF SUSTAINABILITY
Green Chemistry Concentration

Major description
Examine chemical synthesis to improve efficiency and reduce hazardous effects to living things and the environment.
This concentration will investigate means to make synthesis more sustainable, such as use of renewable feedstocks, employing safer solvents and auxiliaries, and catalysis.

Program highlights
Register in courses such as:
• CHEM 336 — Green Inorganic Chemistry
• SUST 301 — Methods in Solving Wicked Problems
• CHEM 338 — Organometallic Chemistry
Complete a Certificate in Communication and Rhetoric

Your career options
Explore job opportunities ranging from junior environmental analyst and environmental technician to environmental assessment specialist and advisor in sustainability reporting.
Visit the Green Chemistry webpage and scroll down to the “Your Career Options” heading for more employment information.

Getting Started
First-year standing
Explore the Green Chemistry concentration by visiting the Bachelor of Sustainability website and reviewing the Academic Calendar.
Learn more about your major requirements by logging into Degree Navigator 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.
Participate in Supplemental Learning - free, weekly, peer-facilitated study sessions.

Moving Through your Degree
Second-year standing
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.

Moving Through your Degree
Third-year standing
Explore a topic of interest in depth by participating in the Undergraduate Research. Apply for an NSERC or 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 Green Global program such as exchange, faculty-led global seminar, or research abroad.

Preparing for Graduation and Your Future
Fourth-year standing
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.

Looking for support?
UBC Okanagan provides a broad range of support services for students from admission through to graduation. Ranging from help with academics and careers to physical and emotional resources, visit Student Support and Resources for a full list of helpful supports. Some examples are included below:
• Academic & Career Development provides academic and career support for all undergraduate students
• Indigenous Programs & Services provides academic support to self-identified 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

How to use the Program Plan:
Tuutu 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.

Undergraduate Programs and Admissions: you.ubc.ca
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.

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 reflection questions are meant to help you build a UBC Okanagan experience that is unique to you.

- What relationships and experiences are you hoping to gain from your time at university?
- What kind of career are you interested in after completing your degree?
- What skills and knowledge do you acquire during your studies help you in your career after graduation?
- What areas of personal and professional development are you hoping to gain from your time at university?

Use the Program Plan regularly throughout your time at UBC to build an experience that is fulfilling and rewarding.

Getting Started:
Explore new opportunities and interests.

New to UBC?
- Participate in orientation and transition programming to connect with other students and get involved in the campus community.
- Attend a Heat Varsity Athletics game. Admission is free with your student UBC card.
- Find on-campus events to meet new people and get involved with the campus community using the Events Calendar.
- Meet a Student Connector at Student Connect for help with navigating campus and to learn more about the opportunities available at UBC Okanagan.
- Follow @UBCOSin Okanagan on Instagram for campus tips, opportunities, and event updates.
- Explore Indigenous initiatives.

Develop Interests and Broaden Perspectives:
Get more involved and build your skills and connections.

Branch out, get involved in student life, and have fun by joining a student association or group to meet peers and participate in events and activities.

Get active! UBCO Recreation offers activities like intramural sports, fitness classes, and other special events and activities.

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.

Immersive Experiences:
Take part in unique opportunities and programs. Find ways to immerse yourself in your experiences.

- Explore professional associations in fields of interest for more information about potential careers, networking and professional development opportunities, and more.
- Give back to the campus community by volunteering or applying to work on campus: Student & Alumni Job Board.
- Participate in cross-cultural initiatives organized by the Global Engagement Office (GEO) to increase cultural awareness and grow professionally.
- Get involved with Student Union Okanagan (SUO) resource groups:
  - Indigenous Peoples Collective (IPC)
  - Pride Resource Centre (PRC)
  - Women’s Resource Centre (WRC)
  - Sex Positivity Centre (SPC)
- Gain leadership experience by running for an executive position in a student association or the Student Union Okanagan (SUO).
- Participate in community service learning programs. Find ways to immerse yourself in your experiences.
- Attend Kelowna community events to get connected and learn about different cultures, activities, and experiences that make the Okanagan unique.
- Join the Get Involved Program: sign up for volunteer projects in the Okanagan. Attend Kelowna community events to get connected and learn about different cultures, activities, and experiences that make the Okanagan unique.
- Build your cross-cultural skills and intercultural fluency by participating in the Intercultural Development Program.

Learn about UBC’s commitments to Truth and Reconciliation and Indigenous initiatives.
Explore course options and electives that broaden your own perspectives and worldviews.
Learn about programs and supports available through the Equity & Inclusion Office.