



CHEMISTRY

POSSIBLE MODULES

- Biochemistry and Chemistry
- Chemistry
- Advanced Chemistry

Understanding chemistry is crucial to grasping all other physical and biological sciences, and facilitates the development of novel materials to design new technologies. The chemistry program at Western is instructed by enthusiastic, award-winning faculty. With state-of-the-art facilities and equipment, chemistry students acquire important talents that are crucial in today's competitive job marketplace. A degree in chemistry is highly versatile and provides a foundation for a wide variety of careers in industry, government, and the private sector.

BUILDING YOUR EXPERIENCE



Check the [Academic Calendar](#) for your [module requirements](#)



Discuss your progression and future goals with an [Academic Advisor](#)



Talk to a [Career Educator](#) about your steps after Western in terms of further education, career goals, certifications, and more.



Get the experience you need through opportunities at Western using Mustang Maps and the [Experience Catalogue!](#)

ABOUT THIS MAP

This map can be used to plan your journey through your undergraduate degree. You can create your own custom map at mustangmaps.uwo.ca.

CHEMISTRY

PROFESSIONAL COMPETENCIES

Engage in these opportunities to build competencies for your future, including:

FIRST YEAR

MIDDLE YEARS

FINAL YEAR

FUTURE-FOCUSED PLANNER

- Look into [Science awards and scholarships](#)
- Find a [summer or part-time job](#) and update your [resume](#)
- Check out the Volunteer and [Leadership Fair](#)
- Explore the many [opportunities](#) with Western Sport & Recreation

- Review the [timeline](#) for and [attend information sessions](#) offered by the Science Internship Program
- Talk to a [Career Educator](#) about putting your degree into practice
- Access [Career Fundamentals online modules](#)
- Look into [job opportunities](#), [graduate school](#) or [further education](#)

- Plan your next steps and consult [Science Career Services](#)
- Update your [LinkedIn](#) profile and connect with employers through [information sessions](#) and [Career Fairs](#)
- Apply to [graduate school](#)

CRITICAL THINKER

- Look into future [internships](#) or [research opportunities](#). Consider doing them [abroad](#)
- Learn about entrepreneurship through [clubs](#) on campus
- Look into [Work Study](#) experiences in research lab for your middle years

- Participate in the [Undergraduate Science Case Competition](#)
- Look for research opportunities and apply for an [USRA](#)
- Practically apply entrepreneurial skills at the [Proteus Innovation Competition](#)
- Consider taking part in the [Reactive Intermediates Student Exchange](#)

- Compete in the [Industry Problem Solving Week](#)
- Submit your coursework for an [undergraduate award](#) or to [The Current](#)
- Visit [Propel](#) for access to mentorship and resources to start your own business or social enterprise

ADAPTABLE PROBLEM SOLVER

- Expand your understanding of mental health issues through [online learning modules](#)
- Learn more about mental health resources through the [Wellness Education Centre](#)
- Visit the [PAL Centre](#) for help with course work

- Get support from the [Peer Support Centre](#)
- Develop academic skills at the [Writing Support Centre](#) or through [Learning Development & Success](#)
- Check out [drop-in recreation and intramural opportunities](#)

- Get involved with [Active Minds Western](#)
- Drop in to a [Laura Evans Wellness Workshop](#)
- Explore [Group Care and Workshops](#)
- Check our [FRESH online nutrition resources](#)

GLOBAL LEARNER

- Check out [International Week](#) events
- Participate in a [summer program abroad](#)
- Explore [scholarships and funding](#) for international opportunities

- Go on [exchange](#) or [study abroad](#) in year 3. Plan in Year 2
- Volunteer with the [International & Exchange Student Centre](#)
- For more opportunities, [click here](#)

- Be an [International Learning Ambassador](#)
- Engage with a [club](#) focused on cultural and international interests
- Participate in the [World's Challenge Challenge](#)
- Submit your [Global and Intercultural Engagement Honour](#) requirements

COMMUNITY BUILDER

- Attend [Indigenous Awareness Week](#)
- Participate in [ChemClub](#) events
- Join a [USC club](#) or the [Science Students' Council](#)
- Become a [Western Peer Leader](#)
- Be a [Mustang fan](#) at many free on-campus sporting events

- Join the [Chemical Institute of Canada](#)
- Volunteer at [ChemClub community engagement activities](#)
- Look into [Impact Experience](#) opportunities
- Be an [Academic and Leadership Programmer in residence](#)

- Attend the [Southern Ontario Undergraduate Student Chemistry Conference](#)
- Run for a [ChemClub executive position](#)
- Volunteer with [Let's Talk Science](#)

INNOVATIVE LEADER

- Attend workshops as part of the [Learn to Lead Program](#)
- Apply to be a [residence](#) or [orientation student leader](#)
- Explore leadership and work opportunities with the [USC](#)

- Attend the [Learn to Lead Summit](#)
- Get [safeTALK](#) or [ASIST](#) trained
- Be a peer mentor through the [Leadership and Academic Mentorship Program](#)

- Become a [Chemistry Mentor](#) to a first year student
- Consider becoming a [Peer Writing Advisor](#) or tutoring through the [PAL Centre](#)
- Finish your requirements for the [Learn to Lead Leadership Certificates](#)

PARTICIPATE IN THE SCIENCE INTERNSHIP PROGRAM

GLOBAL AND INTERCULTURAL ENGAGEMENT HONOUR (GIEH)

- **Goal-orientation**
- **Motivation**
- **Organization**
- **Self-direction**

- **Curiosity**
- **Engagement**
- **Reflection**

- **Hopefulness**
- **Self-confidence**
- **Resourcefulness**
- **Creativity**

- **Equity**
- **Global awareness**
- **Social responsibility**

- **Authenticity**
- **Empathy**
- **Collaboration**
- **Self-awareness**

- **Integrity**
- **Judgement**
- **Intercultural communication**



PLACES TO CONNECT

Academic Support & Engagement
Careers & Experience
Indigenous Student Centre
Propel Entrepreneurship
Sport & Recreation
University Students' Council
Western International
Wellness & Well-being
Western Libraries

Remember, these maps are intended to outline experiences that you could do. They are meant to help you find ways to enrich and personalize your Western experience. You should explore the maps based on your goals and interests, while keeping in mind your own capacity and personal boundaries.



WESTERN'S THRIVING CAMPUS

We want you to thrive throughout your time here at Western. We aim to make every student feel they have a community in which they can discover their interests, and engage with new ideas and people.

Helping you engage in your learning through practical experiences is just a fraction of what we offer; we have a wide breadth of services designed to help you address the challenges you might face along the way, including academic and career advice, and mental health resources.



TRACKING YOUR EXPERIENCE

Exploring opportunities to enhance your learning doesn't end with Mustang Maps. As you participate in co-curricular experiences, consider these tools to track your engagement and articulate your transferrable skills:

[Western's Co-Curricular Record](#) helps you showcase your experiences outside of the classroom to potential employers and graduate schools.

STUDENT EXPERIENCE
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