

**BIOLOGY****POSSIBLE MODULES**

- Animal Behaviour
- Biodiversity and Conservation
- Genetics and Biochemistry
- Synthetic Biology
- Ecosystem Health
- Genetics
- Biology

Biology at Western is an exciting, dynamic and broad-ranging subject that addresses the complexity of living organisms and encompasses topics such as the role of specific genes in embryo development, flowering or behavior, and broad-scale interactions between organisms in ecosystems and the environment. The discipline is diverse, offering students opportunities to study living systems at the level of genes and proteins to entire ecosystems.

BUILDING YOUR EXPERIENCE

Check the [Academic Calendar](#) and review 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.

BIOLOGY

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 or [Leadership Fairs](#)
- Explore the many [opportunities](#) with Western Sport & Recreation

- Enroll in a [field biology experience](#)
- Review the [timeline](#) for the science internship program and attend an [information session](#)
- Talk to a [Career Educator](#) about putting your degree into practice
- Look into [job opportunities](#), [graduate school](#), or other [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
- Research undergraduate research assistant opportunities with [Operation Wallacea](#)

- Look for [research opportunities](#) in the department or with the [Western Synthetic Biology Research Program](#)
- Look for research opportunities and apply for an [USRA](#)
- Practically apply entrepreneurial skills at [Hack Western](#), [SheHacks](#), or the [Proteus Innovation Competition](#)

- Compete in the [Industry Problem Solving Week](#)
- Participate in the [Undergraduate Science Case Competition](#)
- Submit your coursework for an [Undergraduate Award](#) or to [The Current](#)
- Visit [Propel](#) for access to entrepreneurship mentorship

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 out [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
- Consider taking part in an [OUPFB inter-university biology field course](#)
- 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](#)
- Join a [USC club](#) or the [Biology Undergraduate Society](#)
- Get involved with the [Science Students' Council](#)
- Become a [Western Peer Leader](#)
- Look into [Impact Experience](#) opportunities

- Volunteer with the [Nature Conservancy of Canada](#)
- Be a [Mustang fan](#) at many free on-campus sporting events
- Be an [Academic and Leadership Programmer](#) in residence

- Attend [Ontario Biology Day](#) lectures in the [Biology Seminar Series](#)
- Join the [Canadian Society of Molecular Biosciences](#)
- 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 at the [USC](#)

- Represent Biology at the [March Break Open House](#)
- Attend the [Learn to Lead Summit](#)
- Get [safeTALK and ASIST trained](#)
- Be a peer mentor through the [Leadership and Academic Mentorship Program](#)

- 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
studentexperience@uwo.ca

FACULTY OF SCIENCE
science@uwo.ca

DEPARTMENT OF BIOLOGY
biougrad@uwo.ca