



BACHELOR OF MEDICAL SCIENCES

POSSIBLE MODULES

- Anatomy & Cell Biology
- Biochemistry
- Epidemiology & Biostatistics
- Interdisciplinary Medical Sciences
- Medical Biophysics
- Medical Health Informatics
- Medical Sciences
- Microbiology & Immunology
- One Health
- Pathology & Laboratory Medicine
- Physiology & Pharmacology

Combined Degrees

- HBA (Ivey Business School)

The Bachelor of Medical Sciences (BMSc) Program at Western opens up an array of choices in the basic medical sciences.

You can take part in ground-breaking research contributing to the advancement of human health. Learn in engaging environments, build your skills and pursue your goals whether in industry, graduate school or professional programs such as medicine, dentistry, optometry or pharmacy.

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.

BACHELOR OF MEDICAL SCIENCES

PROFESSIONAL COMPETENCIES

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

FIRST YEAR

MIDDLE YEARS

FINAL YEAR

FUTURE-FOCUSED PLANNER

- Find a [summer or part-time job](#) and update your [resume](#)
- Visit the Volunteer or [Leadership Fairs](#)
- Explore the many [opportunities](#) with Western Sport & Recreation

- Look into [Medical Science](#) scholarships and awards
- Consider [opportunities](#) after graduation
- Explore [graduate programs](#) in the medical sciences at Western
- Talk to a [Career Educator](#) about putting your degree into practice

- Participate in an [MMI Preparation Workshop](#)
- Update your [LinkedIn](#) profile and connect with employers through [information sessions](#) and [Career Fairs](#)
- Apply to [graduate school](#)

CRITICAL THINKER

- Visit the [PAL Centre](#) for help with course work
- Look into future [internships](#)
- Think about [summer](#) or [research opportunities](#). Consider doing them [abroad](#)
- Learn about entrepreneurship through campus [clubs](#)

- Attend the [Canadian Undergraduate Conference on Healthcare](#)
- Participate in the [Undergraduate Science Case Competition](#)
- Look for research opportunities and apply for an [undergraduate student research award](#)
- Participate in [Hack Western](#), [SheHacks](#), or the [Proteus Innovation Competition](#)

- Get published in the [Western Undergraduate Research Journal](#) or [The Current](#)
- Compete in the [Industry Problem Solving Week](#)
- Submit your coursework for an [Undergraduate Award](#)
- Visit [Propel](#) for access to entrepreneurial mentorship

ADAPTABLE PROBLEM SOLVER

- Educate yourself about the services provided by the [Academic Counselling Office for Science and Basic Medical Science](#) students
- Learn more about mental health resources through the [Wellness Education Centre](#)
- Learn how to communicate better at the [Writing Support Centre](#)

- Expand your understanding of Mental Health issues through [online learning modules](#)
- Develop academic skills at the [Writing Support Centre](#) or [Learning Development & Success](#)
- Check out [drop-in recreation and/or intramural opportunities](#)

- Get support from the [Peer Support Centre](#)
- 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
- Engage with a [club](#) focused on cultural and international interests

- [Go abroad](#) in year 3. Review [steps](#) and plan in Year 2
- Honors Specialization students in IMS should consider first-term exchanges in Year 4 at [VUMc](#).
- Volunteer with the [International & Exchange Student Centre](#)
- For more opportunities, [click here](#)

- Join [Global Brigades Western](#)
- Be an [International Learning Ambassador](#)
- 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 [Bachelor of Medical Sciences Association \(BMSA\)](#) or the [Science Students' Council](#)
- Become a [Western Peer Leader](#)
- Look into [Impact Experience](#) opportunities

- Join [Pre-Medical](#), [Pre-Optometry](#), or [Pre-Pharmacy societies](#) on campus
- Be an [Academic and Leadership Programmer](#) in residence
- Be a [Mustang fan](#) at the many free sporting events

- Explore volunteer opportunities with the [Canadian Medical Hall of Fame](#)
- Volunteer with [Let's Talk Science](#)
- Provide support with [The Ronald McDonald House at Southwestern Ontario](#)

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

- Make a difference with [Friends of Doctors Without Borders \(MSF\)](#)
- Look into departmental clubs
- Attend the [Learn to Lead Summit](#)
- Get [safeTALK](#) and/or [ASIST](#) trained
- Be a peer mentor through the [Leadership and Academic Mentorship Program](#)

- Become a tutor at the [PAL Center](#)
- Consider becoming a [Peer Writing Advisor](#)
- Finish your requirements for the [Learn to Lead Leadership Certificates](#)

EXPLORE A YEAR-LONG INTERNSHIP OPPORTUNITY

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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FACULTY OF SCIENCE
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**BACHELOR OF MEDICAL
SCIENCES PROGRAM**
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