

Master of Biotechnology: MBIOT

Biotechnology is a diverse, entrepreneurial and fast-changing field. The Master of Biotechnology program at the University of Guelph gives you the science and business skills you need to succeed in a wide range of biotechnology careers. You'll gain advanced scientific and technical expertise combined with business training in the commercialization of biotechnology innovations. Plus, you'll grow academically and personally by interacting with other graduate students, faculty, the wider research community and private sector companies.

uoguelph.ca/mbiotech/

PROGRAM

The program deepens your scientific training and gives you business skills, preparing you for a fulfilling career in Canada or internationally. Your first semester includes courses in molecular approaches to biotechnology as well as commercializing innovations, and you'll be paired with a project supervisor. In your second semester, you'll take courses in biotechnology management and communication, and you'll write and present your research proposal. In your third semester, you'll work on your research project. You may choose to extend your project to a fourth semester.

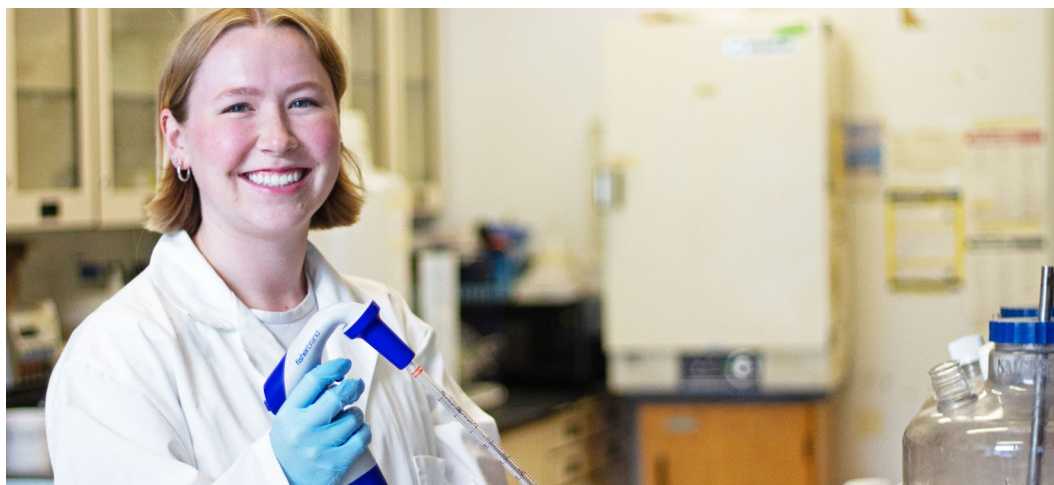
RESEARCH AREAS

With our program, you pick the mix of science and business training that's right for you. You'll do stimulating class work and participate in a hands-on research project which may involve a private-sector partner, under the guidance of a faculty member.

ADMISSION REQUIREMENTS

- Honours Bachelor's degree
- Strong science background
- Minimum B (75%) in the last two years of full-time equivalent study

Applicants whose first language is not English are required to submit either: TOEFL, minimum 93, with a minimum score of 22 in each of the four categories; IELTS, minimum overall score of 7.0, with a minimum of 6.5 in each component; or Duolingo,



The Master of Biotechnology program really opened my eyes to a range of career opportunities that I didn't even know to look for.
– Taylor Howson, 2024 MBIOT

minimum overall score of 130, with a minimum score of 120 in each of the four categories.

TRAINING AND FACULTY

The full-spectrum training you receive in this program draws on the expertise of two departments:

Department of Molecular & Cellular Biology: our 40 faculty members direct multidisciplinary research programs that address novel biological questions on molecular and cellular scales.

Department of Management: our Department, part of the Lang School of Business and Economics, develops leadership skills through engaging teaching and research, with an understanding that success requires a strategic outlook, entrepreneurial attitude, global perspective and commitment to sustainability.

Application Deadlines:

International – October 21, 2025
Domestic – February 15, 2026

ARE YOU INTERESTED IN:

- Pharmaceuticals
- Health management
- Agribusiness and food industries
- Plant biotechnology
- Environmental management and research

CAREER OPPORTUNITIES:

- Life science industry
- Non-profit/industry organizations or the public sector
- Continuing studies at the PhD level
- Starting your own company

CONTACT INFORMATION

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