



# HMB491: PROJECTS IN BIOTECHNOLOGY

This 4th year course at the University of Toronto, St. George Campus, is designed for human biology students who wish to explore the latest **advancements in biotechnology** through a 200 hour project-based internship (~ 8 hours/week).

Whether your organization is an early-stage start-up, an established biotech company, a research network or translational lab serving the biotechnology sector, we are prepared to connect you with one or more students who can support you in advancing your organization's **research and development** priorities and projects.

## Student Knowledge

- ✓ Execute lab research, applying various research methodologies
- ✓ Analyze data to uncover relationships and meaningful insights
- ✓ Conduct literature reviews and critically analyze primary research
- ✓ Communicate scientific concepts and research findings to a variety of audiences
- ✓ Prepare scientific reports, project presentations and more!



Students develop these **competencies** through courses like Introduction to Fundamental Genetics and its Applications (HMB201), Biotechnology (HMB301) and Neurogenomics (HMB360).

Our students have developed a strong theoretical foundation for working in the field of biotechnology and are **well-versed** in the:

- ✓ latest gene and genome engineering tools
- ✓ recent advances in living therapeutics, including immunotherapies, RNA-based therapies as well as viral and non-viral vehicles for gene and drug delivery.

## Sample Internship Roles

- Product Development Intern
- Market Research & Insights Analyst
- Research Intern, Product Design
- Intern, Start-Up Insights

**Interested in becoming  
an Industry Partner?**

**SUBMIT INTAKE FORM**



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