



# THIS IS BIOTECH NOLOGY

## CAREER MAP

Biotechnology combines the study of biology, engineering, technology and science to improve existing natural systems and develop innovative products and health solutions. As a student in York's biotechnology program, you will develop a strong foundational understanding of physics, biological processes, mathematical principles and applied theory. Your theoretical education will have real-world relevance as you gain hands-on experience in the lab from your first year onward and explore the ethical and legal questions raised by contemporary biotechnological advancements.

## THE YORK PROMISE

York is here to support you throughout your unique university journey. Beyond academic achievement, we strive to enrich your student experience through personal and professional development, as well as ensure your physical and mental well-being.

- 1 Career-Focused Services**  
Career advising, career fairs and networking opportunities to help sharpen your professional edge.
- 2 Academic Support**  
Learning skills workshops, outstanding libraries, academic accommodations and transition programs designed to help you every step of the way.
- 3 Social & Leadership Development Programs**  
A vibrant social scene with more than 300 clubs and organizations to enhance student life, and help you develop soft skills you can bring to the table in your future career.

### FIRST YEAR

- Get to know the Faculty of Science, Bethune College and your academic adviser.
  - Visit the Career Centre for Career Exploration and Job Search workshops.
  - Talk to your professors about experiential education options within your program of study (e.g. courses, co-op, internships).
  - Join a student group, such as Supporting Education, Empowerment and Development through Science - York University – we have more than 300 to choose from on campus.
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### SECOND YEAR

- Visit the Career Centre to explore your future career options.
  - Gain leadership experience through programs like LeaderShape or Club Peer Mentors.
  - Access academic support, such as writing and research workshops, through the Learning Commons.
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### THIRD YEAR

- Meet employers and alumni to build your professional network by taking part in special events, such as Career Conversation panels led by the Career Centre.
  - Find a summer or part-time job on the Career Centre Job Board with postings from 6,000+ employers.
  - Get involved with professional associations and organizations like BIOTECCanada.
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### FOURTH YEAR

- Speak to your academic adviser to ensure you have met all of your graduation requirements.
- Prepare for your job hunt with Career Centre workshops like Resume & Cover Letter Writing, Job Search Strategies and You've Got Skills!.
- Explore graduate studies through the Graduate and Professional Study Expo.