



# BIOTECHNOLOGICAL Engineering

## Is it for you?

### DID YOU KNOW THAT...

3TC, the most widely used drug in the world to treat HIV/AIDS, was discovered in Quebec.

Probiotics are now used in hospitals to help prevent and relieve some health problems.



Are you passionate about biology and diversity in the living world?



Do you dream about taking part in pharmaceutical, chemical or agri-food research studies?



### WHAT DO THESE ENGINEERS DO?

- Manage research projects aimed at developing techniques for using microorganisms, animal cells, and plant cells.
- Draft scientific reports and articles on the findings of research studies.
- Perform chemical and biochemical analyses as part of a study.
- Develop and implement quality control tests and monitor them.



### WHERE DO THESE ENGINEERS WORK?

- Science research and development centres
- Manufacturing companies
- Academic institutions
- Food and beverage industry
- Pharmaceutical and cosmetic industry
- Refined petroleum product industry
- Testing and analytical laboratory services
- Medical laboratory, diagnostic analysis and radiology services

### QUEBEC BIOTECHNOLOGY ENGINEERING AT THE HEART OF INNOVATION

**Potential treatment for diabetic retinopathy**  
Treating the cells that cause this diabetic eye disease with just one injection.



(IN FRENCH)

### AVERAGE SALARY

# \$125,988

Genium360, Compensation Survey of Engineering Employees and Graduates in Québec, 2023

## PLACE FOR YOU



**BACHELOR'S DEGREE IN BIOTECHNOLOGY ENGINEERING**  
**4 YEARS**



### ENDLESS OPPORTUNITIES IN ENGINEERING!

Learn more about biotechnology engineering and other kinds of engineering