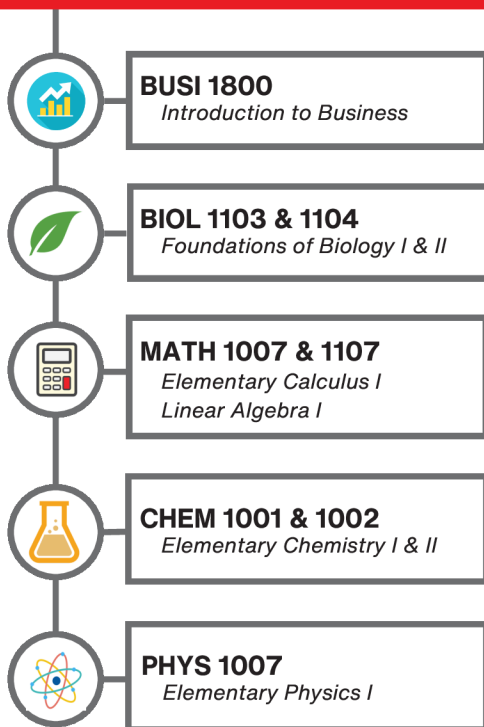
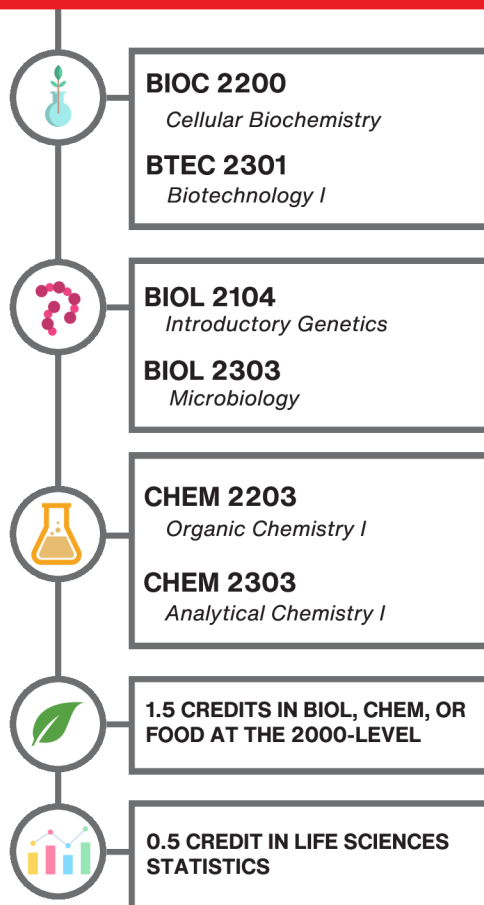


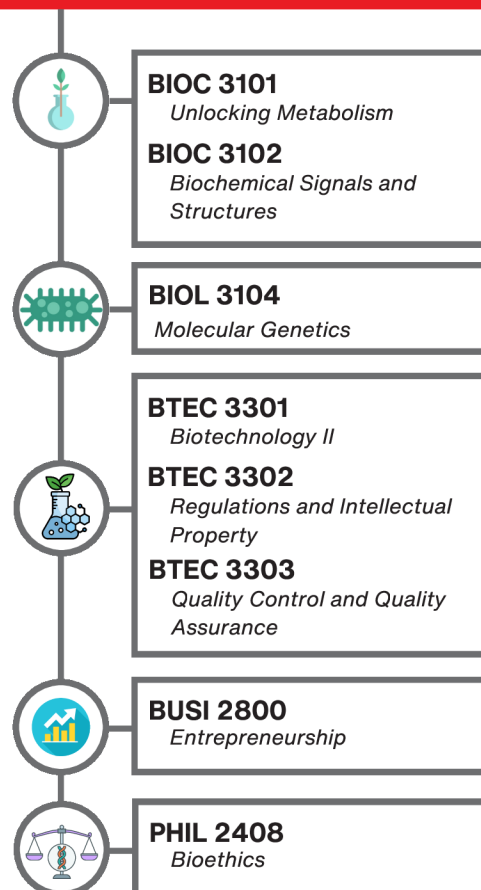
## YEAR 1



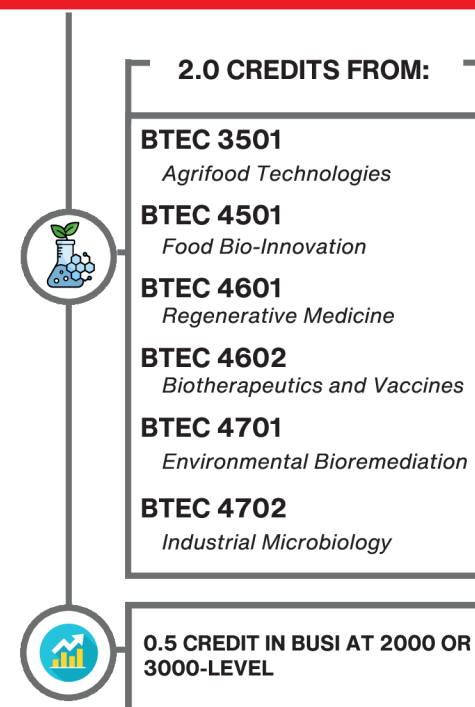
## YEAR 2



## YEAR 3



## YEAR 4



## 1.0 CREDIT FROM CAPSTONE

### COURSES:



### BTEC 4908

*Research Thesis*

### BTEC 4909

*Practicum*

### BTEC 4910

*Consulting Project*

1.5 credits in BIOCI, BIOL, CHEM, FOOD at 3000-level

1.0 credit in BTEC, BIOCI, BIOL, CHEM, FOOD at 4000-level

1.0 credit in free electives

## EXPERIENTIAL LEARNING

- Apply biotechnology through labs, case studies, and project-based courses
- Choose a practicum or consulting project for industry experience
- Choose a research project for academia experience

## GAIN JOB-READY SKILLS

- Strong foundation in biological sciences
- Hands-on lab and industry techniques
- Data analysis and interpretation
- Real-world problem solving skills
- Biotech entrepreneurship
- Regulatory and compliance knowledge
- Ethics and scientific integrity
- Clear, evidence based communication
- Teamwork and collaboration

## WHY CHOOSE BIOCHEMISTRY AT CARLETON?

- Award-winning teaching faculty
- A vibrant hub connecting experts in life sciences, engineering, and entrepreneurship
- Research related to agriculture & food, environmental systems, and biomedical research & therapeutics
- Fantastic student society to build network and develop friendships

# Biochemistry

## WHAT OUR GRADUATES DO

- Pharmaceutical research
- Agriculture and crop engineering
- Environmental remediation
- Start up founder or team member
- Patent agent
- Science policy analyst
- Bioethics advisor
- Scientific evaluator
- Quality assurance specialist

## WHERE OUR GRADUATES WORK

**Government:** Agriculture and Agri-Food Canada, Health Canada, Environment and Climate Change Canada, Pest Management and Regulatory Agency, Public Health Agency of Canada

**Health:** Hospitals, Research Institutes

**Industry:** Growcer, Food Cycler, WSP, Charles River Laboratories

