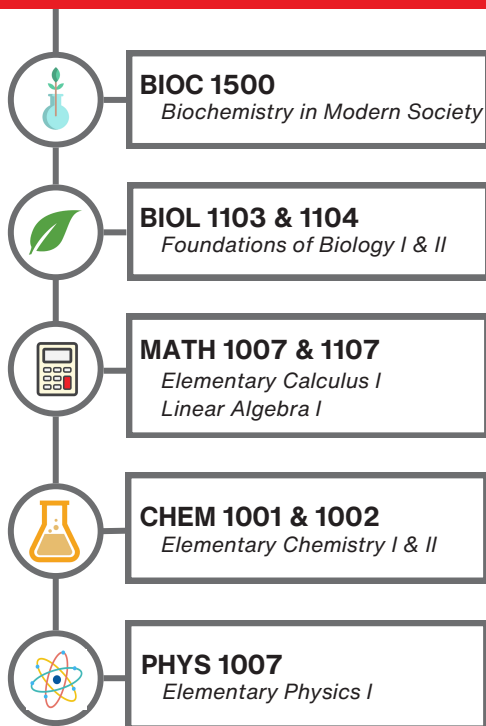
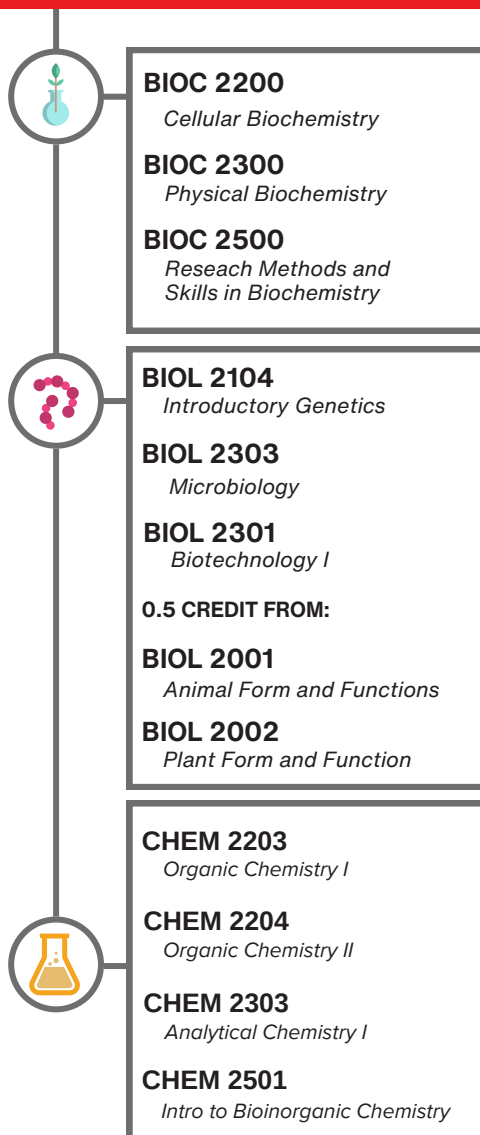


# Biochemistry and Biotechnology B.Sc. Honours

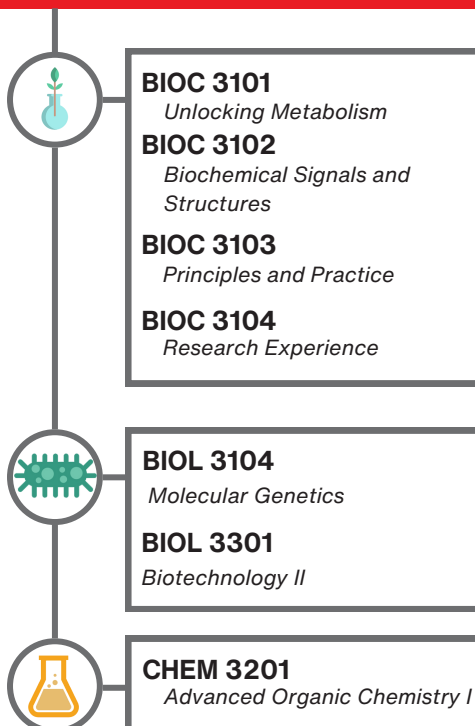
## YEAR 1



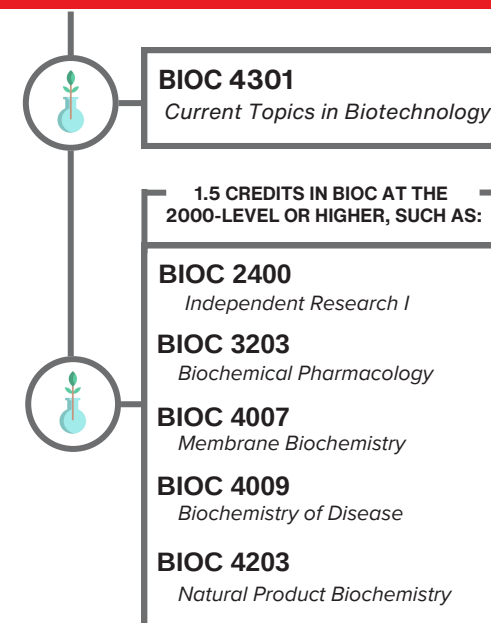
## YEAR 2



## YEAR 3



## YEAR 4



### HONOURS PROJECT (1.0 CREDIT)



#### BIOL 4907

*Honours Essay and  
Research Proposal*

#### BIOL 4908

*Honours Research Thesis*

2.0 credits in course outside science and engineering

0.5 credit in BIOL or CHEM at 2000 level or higher

0.5 credit from free electives

## FIRST YEAR EXPERIENCES

- Explore biochemistry in your first year of study! Learn where biochemistry is around you and how it is used in a modern society.
- Get loads of experiential learning with labs, case studies, and interactive lessons.

## GAIN JOB-READY SKILLS

- Evaluate scientific sources and information
- Analyze data to explain trends
- Formulate evidence-based arguments to present scientific information
- Perform and troubleshoot experimental procedures
- Identify novel problems that can be solved with tools of biotechnology
- Develop entrepreneurial skills applicable to the biotechnology industry
- Work in a team environment

## BIOCHEMISTRY AT CARLETON

- 35 Faculty members strong
- Award-winning teaching faculty
- Research related to agriculture & agrifood, environmental systems, and biomedical research & therapeutics
- Excellent preparation for professional schools like human and veterinary medicine, dentistry
- Fantastic student society to build network and develop friendships

## WHAT OUR GRADUATES DO

- Pharmaceutical research
- Agricultural research and development
- Patent agent
- Science policy analyst
- Laboratory technician
- Bioethics
- Environmental remediation
- Start up companies
- Scientific evaluator
- Quality assurance specialists

## WHERE OUR GRADUATES WORK

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

**Health:** Hospitals, Research Institutes, Medical Clinics

**Industry:** Growcer, Food Cycle Science, WSP - Health and Environment, Abbott, VBI Vaccines, Everest Clinical Research, Charles River Laboratories

Biochemistry

