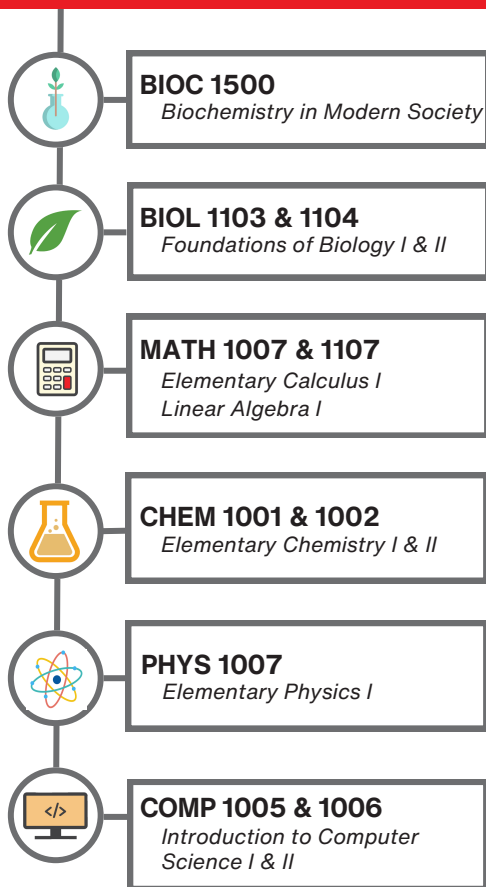
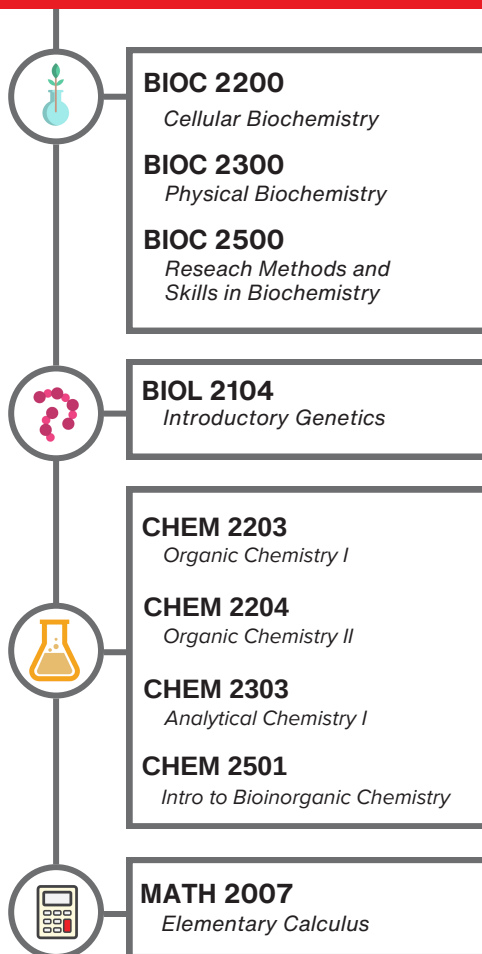
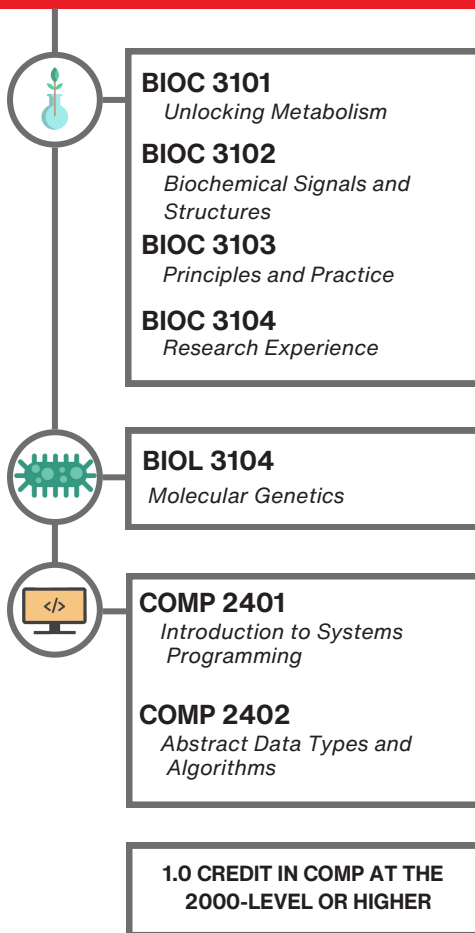
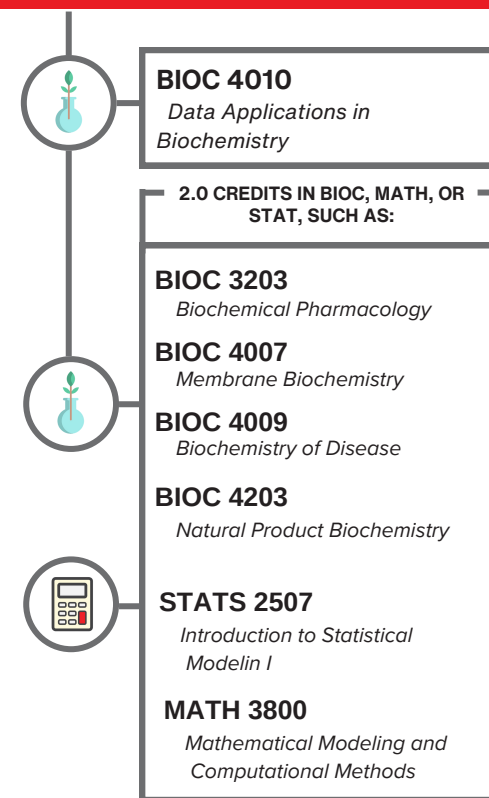


YEAR 1

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 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
- Implement algorithms to solve biochemical problems
- Assess limitations of computational biochemical modeling
- 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

- Drug and enzyme design
- Agriculture and plant breeding
- Patent agent
- Biomedical and genetic data analysis
- Laboratory technician
- Biomedical data management
- Environmental remediation
- Clinical coordinator
- 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

