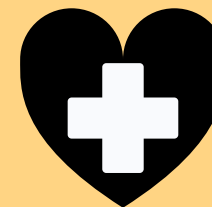


BIOMEDICAL BIOLOGY SPECIALIZATION



Courses for Students Enrolling in Fall 2023

FIRST YEAR

BIOL 1506E Biology I
BIOL 1507E Biology II
CHMI 1006E General Chemistry I*
CHMI 1007E General Chemistry II
MATH 1036E Calculus I**
MATH 1037E Calculus II
(OR) MATH 1057E Linear Algebra I
PHYS 1006E Introductory Physics I
PHYS 1007E Introductory Physics II
6 credits in Arts

*Students lacking grade 12 4U Chemistry must first take CHMI 1031.

**Students lacking grade 12 4U Advanced Functions or who have attained a grade of less than 60% must first take MATH 1912.

SECOND YEAR

BIOL 2026E Introduction to Microbiology
BIOL 2105E Human Anatomy and Physiology
BIOL 2126E Cell Biology
CHMI 2227E Biochemistry I
CHMI 2426E Organic Chemistry I
STAT 2126E Introduction to Statistics
(OR) STAT 2246E Statistics for Scientists
3 credits from*:**
BIOL 2306E Diversity of Plants
BIOL 2726E Diversity of Animals
CHMI 2427E Organic Chemistry II#
6 credits in Arts

***Additional credits obtained from this list will be considered for List B requirement

THIRD & FOURTH YEARS

BIOL 2007E Genetics
BIOL 2356E Principles of Ecology
BIOL 3327E Experimental Methods in Biology
NATS 3106E Scientific Writing and Communication
9 credits from Biomedical List "A"
27 credits from Biomedical List "B"
12 elective credits

LIST A



COURSE LISTS

LIST B



Note:

- Certain core courses and senior level courses are offered in alternate years. These courses must be chosen in consultation with the academic advisor.
- To graduate, a minimum of 6 BIOL credits have to be taken in 4000 level courses.
- A student must have at least a cumulative GPA of 7 (B+) in all Biology courses to take NATS 4005 and NATS 3106 from List B.
- SCOM 4006EL is recommended as an elective.
- To take upper year courses their pre-requirements have to be fulfilled.