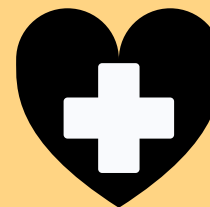


# BIOMEDICAL BIOLOGY SPECIALIZATION



Courses for Students Enrolled Prior to 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 1206E Physics for the Life Science I  
PHYS 1207E Physics for the Life Science II  
6 credits in Arts

\*Students lacking grade 12 4U Chemistry must first take CHMI 1041.

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

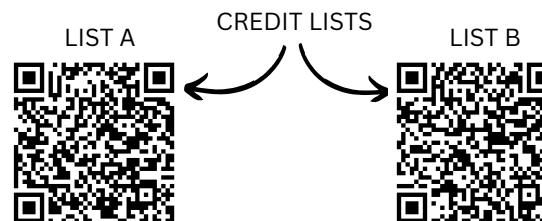
## SECOND YEAR

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  
9 credits from Biomedical List "A"  
30 credits from Biomedical List "B"  
12 elective credits



### Note:

- Students may take a maximum of 12 ANTR credits from the above list.
- 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 BIOL 4035 and BIOL 4381E from List B.
- To take upper year courses their pre-requirements have to be fulfilled.

