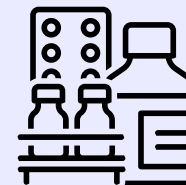


# PHARMACEUTICAL CHEMISTRY SPECIALIZATION

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  
PHYS 1006E Introductory Physics I  
PHYS 1007E Introductory Physics II

**6 elective credits#**

\* 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

CHMI 2117E Introductory Quantitative Analysis  
CHMI 2227E Biochemistry I  
CHMI 2426E Organic Chemistry I  
CHMI 2427E Organic Chemistry II  
CHMI 2516E Introductory Physical Chemistry I  
CHMI 2517E Introductory Physical Chemistry II  
STAT 2246E Statistics for Scientists

**3 credits from Option List A**

**6 elective credits#**

§This program has a co-op option. Please contact the School of Natural Sciences for more information.

Credit List  
A & B



## THIRD YEAR

BIOL 2105E Human Anatomy and Physiology  
CHMI 3116E Instrumental Techniques in Chemical, Biochemical and Environmental Sciences  
CHMI 3226E Biochemistry II  
CHMI 3416E Intermediate Organic Chemistry  
NATS 3106E Scientific Writing and Communication

**3 credits from Option List A**

**3 credits from Option List B**

**3 credits from Option List C**

**3 elective credits#**

## FOURTH YEAR

JURI 1105E Introduction to Legal Studies  
NATS 4005E Honours Thesis\*  
OR NATS 4106E Literature Review and 3cr CHMI at the 3rd or 4th year level

**3 credits from Option List A**

**6 credits from Option List B**

**6 credits from Option List C**

**3 elective credits#**

\* A student must have at least a cumulative GPA of 6 (B) in all CHMI courses to take NATS 4005.

# Students must include 12 credits in the Arts.

### Notes:

Students may not exceed 48 credits at the 1000 or 9100 level in their degree program.

SCOM 4006EL is recommended as a general elective.

