

# Suggested Course Sequence: Chemistry Major- Chemistry Concentration

---

## Freshman Year

### Semester 1

CHEM 1110/11: General Chemistry I Lecture and Lab	4 credit hours
MATH 1910: Calculus I	4 credit hours
ENGL 1010: Critical Reading & Expository Writing	3 credit hours
PHIL 2640: Science and the Modern World Or SPCH 2320: Argumentation and Debate	3 credit hours
CSCI 1100: Using Information Technology	<u>3 credit hours</u>
	17 credit hours

### Semester 2

CHEM 1120/21: General Chemistry II Lecture and Lab	4 credit hours
ENGL 1020: Critical Thinking & Argumentation	3 credit hours
PHYS 2010/11: General Physics I Lecture and Lab Or PHYS 2110: Technical Physics I	4 credit hours or 5 credit hours
PHIL 2640: Science and the Modern World Or SPCH 2320: Argumentation and Debate	<u>3 credit hours</u>
	14 or 15 credit hours

\*May add minor course for additional 3 credit hours

## Sophomore Year

### Semester 1

CHEM 2010/11: Organic Chemistry I Lecture and Lab	5 credit hours
PHYS 2020/21: General Physics II Lecture and Lab Or PHYS 2120: Technical Physics II	4 credit hours or 5 credit hours
HIST 2010: U.S. History to 1877	3 credit hours
Social and Behavioral Science Course	<u>3 credit hours</u>
	15 or 16 credit hours

### Semester 2

CHEM 2020/21: Organic Chemistry II Lecture and Lab	5 credit hours
CHEM 2220/21: Quantitative Analysis Lecture and Lab	4 credit hours
HIST 2020: U.S. History since 1877	3 credit hours
Fine Art Course	<u>3 credit hours</u>
	15 credit hours

## Junior Year

### Semester 1

CHEM 3750 or 3760: Physical Chemistry I or II	3 credit hours
CHEM 3611: Introduction to Integrated Lab	2 credit hours
Upper level Chemistry Course	3 credit hours
Minor courses	4-7 credit hours
Social and Behavioral Science Course	<u>3 credit hours</u>
	15 to 18 credit hours

### Semester 2

Upper level Chemistry Courses	3 to 6 credit hours
Literature Course	3 credit hours
Minor courses	<u>6 to 12 credit hours</u>
	12 to 19 credit hours

## Senior Year

Complete all upper Chemistry courses, minor courses, electives for graduation credit hour requirements