

First Year**Fall**

Course Number	Course Title	Credits (14)
CHEM 1300	General Chemistry I (additional notes below)	4
ENGL 1100	Writing I (W)	3
FYE 1015	First Year Seminar (R&IL)	3
MATH 1300	Precalculus (QR)	4

Spring

Course Number	Course Title	Credits (15)
CHEM 1400	General Chemistry II (additional notes below)	4
BIOL 1800	General Biology I (SI)	4
ENGL 1200	Writing II (W&IL)	3
MATH 2300	Calculus I	4

Sophomore Year**Fall**

Course Number	Course Title	Credits (14)
CHEM 2000	Organic Chemistry I	4
MATH 2400	Calculus II	4
	General Education (WS)	3
	General Education/Exploration	3

Spring

Course Number	Course Title	Credits (14)
CHEM 2100	Organic Chemistry II	4
BIOL 2800	Genetics	4
	General Education/Exploration	3
	General Education/Exploration	3

Junior Year**Fall**

Course Number	Course Title	Credits (16)
CHEM 3600	Descriptive Inorganic Chemistry OR	3
	General Education/Exploration	
PHYS 2300	Physics I (PL)	4
CHEM 3040	Biochemistry II OR	3
CHEM 3060	Biochemical Techniques	
	General Education/Exploration	3
	General Education/Exploration	3

Spring

Course Number	Course Title	Credits (16-17)
CHEM 3200	Physical Chemistry (additional notes below) OR	3-4
	Free Elective	
CHEM 3030	Biochemistry I	3
CHEM 2400	General Analytical Chemistry	4
CHEM 4750	Chemistry Seminar (Capstone) (additional notes below) OR	3
	Free Elective	
	General Education/Exploration	3

Senior Year

Fall

Course Number	Course Title	Credits (16)
CHEM 3600	Descriptive Inorganic Chemistry OR General Education/Exploration	3
CHEM 3040	Biochemistry II OR	3
CHEM 3060	Biochemical Techniques	
PHYS 2400	Physics II	4
	Free Elective	3
	Free Elective	3

Spring

Course Number	Course Title	Credits (15-16)
CHEM 3200	Physical Chemistry OR	3-4
CHEM 4750	Chemistry Seminar (Capstone) (additional notes below) OR	3
	Free Elective	
	Free Elective	3
	Free Elective	3
	Free Elective	3

Completion of 120 credits is required for graduation

General Education

Foundation (3 credits each)

- Reading & Info Literacy First-Year Exper. (R & IL)
- Writing (W): Writing I
- Writing & Info. Literacy (W & IL): Writing II
- Quantitative Reasoning (QR)
- World Languages, Speaking and Listening (WS)

Exploration (3 credits each)

- Civic Learning (CV)
- Diverse Perspectives (DP)
- Ethical Reasoning (ER)
- Fine Arts Expression & Analysis (FA)
- Historical Inquiry & Analysis (HI)
- Literary Inquiry & Analysis (LI)
- Personal Wellness (PW)
- Procedural & Logical Thinking (PL)
- Scientific Inquiry & Analysis (SI)

General Education: MAJ

There may be major courses that have been approved to fulfill up to 3 General Education requirements (at least 9 credits). Varies by major and concentration.

Additional Notes

- CHEM 1300/CHEM 1400 - (General Chemistry I) requires a “passing” score on Advanced Algebra and Functions Accuplacer placement exam **OR** successful completion of MATH 0500 (Algebraic Preparation)
- CHEM 4750/CHEM 3200 - Chemistry Seminar and other required upper level chemistry courses including Physical Chemistry are offered approximately once every two years based on student demand in either fall or spring. Students should work carefully with their advisor to make sure they are prepared to take those courses in the semester they are offered.