

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
CHEM 2400	General Analytical Chemistry	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
CHEM ≥ 3000	Chemistry Elective (additional notes below)	
PHYS 2300	Physics I (PL)	4
	General Education/Exploration	3
	General Education/Exploration	3
	Free Elective	3

Spring

Course Number	Course Title	Credits (16-17)
CHEM 3200	Physical Chemistry OR	3-4
CHEM 3030	Biochemistry I	
CHEM 4750	Chemistry Seminar (Capstone) (additional notes below) OR	3
CHEM ≥ 3000	Chemistry Elective (additional notes below)	3
PHYS 2400	General Physics II	4
	General Education/Exploration	3

Senior Year

Fall

Course Number	Course Title	Credits (15)
CHEM 3600	Descriptive Inorganic Chemistry OR	3
CHEM ≥ 3000	Chemistry Elective (additional notes below)	
	General Education/Exploration	3
	Free Elective	3
	Free Elective	3
	Free Elective	3

Spring

Course Number	Course Title	Credits (15-16)
CHEM 3200	Physical Chemistry OR	3-4
CHEM 3030	Biochemistry I	
CHEM 4750	Chemistry Seminar (Capstone) (additional notes below) OR	3
CHEM ≥ 3000	Chemistry Elective (additional notes below)	
	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 ≥ 3000 - Chemistry Elective Both CHEM 4900, Independent Study, and CHEM 4540, Internship, can be used as Chemistry electives
- 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.