

First Year

Odd Year Fall- 18 cr hrs

- CHEM 141: Principles of Chemistry I (4)
- ICONN 100: I-Connect (3)
- MATH 125: Algebra and Trigonometry (3)
- Suggested CHEM 131: Chemical Calculations I (1)
- CHEM 480: Chemistry Seminar (0)
- COMM 121: Fundamentals of Public Communication (3)
- BIOL 190: Principles of Biology I (4)

Even Year Spring- 18 cr hrs

- CHEM 142: Principles of Chemistry II (4)
- Suggested CHEM 132: Chemical Calculations II (1)
- BIOL 191: Principles of Biology II (4)
- ENGL 101: Rhetoric & Composition (3)
- PSYCH 121: Psychology (3)
- GE: History (3)
- CHEM 480: Chemistry Seminar (0)

Third Year

Odd Year Fall- 15 cr hrs

- CHEM 345: Analytical Chemistry (4)
- CHEM 447: Physical Chemistry I (4)
- BIOL 271 or 290: Anatomy (4)
- GE: Philosophy (3)
- CHEM 480: Chemistry Seminar (0)

Even Year Spring- 15 to 17 cr hrs

- Directed Elective (3-4)*
- GE: Theology (3)
- GE: Social Justice (3)
- CHEM 480: Chemistry Seminar (0)
- BIOL 350: Cell Biology (3)
- CHEM 348: Advanced Organic Chemistry (3) or
CHEM 448: Physical Chemistry II (4)

Second Year

Even Year Fall- 18 cr hrs

- CHEM 241: Organic Chemistry I (4)
- MATH 223: Calculus I (3)
- SCIE 257: Physics I (4)
- BIOL 295: Genetics (4)
- CHEM 480: Chemistry Seminar (0)
- GE: Creative Arts (3)

Odd Year Spring- 15 cr hrs

- CHEM 242: Organic Chemistry II (4)
- MATH 224: Calculus II (3)
- SCIE 258: Physics II (4)
- CHEM 480: Chemistry Seminar (0)
- GE: Research & Rhetoric

Fourth Year

Even Year Fall- 14 to 16 cr hrs

- BIOL 401: Senior Capstone in Biology (3)
- GE: Health and Wellness (2)
- GE: Franciscan Tradition (3)
- 2 Directed Electives (6-8)*
- CHEM 480: Chemistry Seminar (0)

Odd Year Spring- 17 cr hrs

- GE: Care for Creation (3)
- CHEM 481: Chemistry Seminar (1)
- CHEM 344: Inorganic Chemistry (3)
- CHEM 333: Biochemistry (3)*
- CHEM 367: Biotechnology Lab (1)*
- GE: Literature (3)
- Courses Elective (3)

Degree Total: 128 cr hrs***Need 9 cr hrs of directed electives:**

BIOL 226: Microbiology	BIOL 471: Immunology	CHEM 348: Advanced Organic Chemistry
BIOL 273/274: Mammalian Anatomy	BIOL 366: Experimental Design & Research Methods	CHEM 447: Physical Chemistry II
BIOL 344: Developmental Biology	BIOL 474: Virology	CHEM 449: Instrumental Analysis
BIOL 440: Molecular Biology	BIOL 465: Advanced Physiology	CHEM 496: Chemical Research

Course must be completed by indicated term to progress in major