Mount St. Mary's University

Chemistry, B.S.

Academic Year 2026-27

Sample Four-Year Sequence

Freshman Year

Fall

- FSYM 101 The First Year Symposium (3)
- World Languages I (3)
- CHEM 101 General Chemistry I (4)
- MATH 247 Calculus I (4)

Spring

- Foundations in Social Science (3)
- World Languages II (3)
- CHEM 102 General Chemistry II (4)
- MATH 248 Calculus II (4)

Sophomore Year

Fall

- Elective (3)
- MATH 211 Mathematical Thinking (3)
- CHEM 201 Organic Chemistry I (4)
- PHYS 201 General Physics I (4)

Spring

- WCIV 102 Origins of the West (3)
- PHIL 103 Foundations of Philosophy (3)
- Elective (3)
- CHEM 202 Organic Chemistry II (4)
- PHYS 202 General Physics II (4)

Junior Year

Fall

- WCIV 201 Atlantic Encounters: 1450-1850 (3)
- Elective (3)
- CHEM 210 Analytical Chemistry (4) (offered every fall)
- CHEM 303 Physical Chemistry I (5)

Spring

- THEOL 220 Foundations of Theology (3)
- AMER 202 America in the World (3)
- Elective (3)
- CHEM 304 Physical Chemistry II (3)
- Elective (3)

Senior Year

Fall

- THEOL 320 Made In God's Image (3)
- XXMO 300 Modernity in Lit. or Art (3)
- Elective (3)
- Elective (3)
- Elective (4)

Spring

- THEOL/PHIL 300 Ethics and The Human Good (3)
- XXGE 3XX Global Encounters (3)
- Elective (3)
- CHEM 404 Instrumental Analysis (4) * OR CHEM 420 Advanced Inorganic Chemistry (4) **
- CHEM 410 Seminar (1)

**CHEM 404 Instrumental Analysis (4) is offered spring/even years*

***CHEM 420 Advanced Inorganic Chemistry (4) is offered spring/odd years*

For more information on the Chemistry, B.S. program, please scan the QR code.