

Chemistry

Tentative: Check "Search for Classes" on SU Online for the quarterly schedule.

2023-2025 Course offerings are tentative at this time. No summer courses are offered.

| CHEM # | Course Name | Pre & Co-Requisites OR Notes | | | | | | |
|--------|---|------------------------------|-----------|-----------|-------------|-----------|-----------|---|
| | | Fall 23 | Winter 24 | Spring 24 | Fall 24 | Winter 25 | Spring 25 | |
| 1000 | Preparatory Chem Tutorial | • | | | • | | | PRM-DEPT |
| 1200 | Chemistry for Life | • | | | • | | | Nursing/DUIS majors only; PREQ: Placement into MATH 1010 or 1021 + |
| 1500 | General Chem 1 | • | • | | • | • | | COREQ: CHEM 1501; PREQ: HS CHEM or INTRO CHEM & PLACEMENT INTO MATH 1021+ |
| 1501 | General Chem Lab 1 | • | • | | • | • | | COREQ: CHEM 1500; LAB FEE |
| 1510 | General Chem 2 | | • | • | | • | • | COREQ: CHEM 1511; PREQ: C- or better in CHEM 1500 & MATH 1021 + |
| 1511 | General Chem Lab 2 | | • | • | | • | • | COREQ: CHEM 1510; PREQ: C- or better in CHEM 1501; LAB FEE |
| 1520 | General Chem 3 | • | | • | • | | • | PREQ: C- or better in CHEM 1510 |
| 1590 | Research-Focused General Chemistry 3 | | | • | | | • | PREQ: CHEM 1510 Application required. Recommendation from CHEM 1501 or 1511 instructor required. |
| 1910 | Late Start Special Topics | • | | | | | | None |
| 2100 | Fundamental Inorganic Chem | | • | | | • | | PREQ: CHEM 1511; CHEM 1520 or 1590 |
| 2500 | Org Chem: Structure & Reactivity | • | • | | • | • | | PREQ: C- or better in CHEM 1520 or 1590 |
| 2501 | Org Chem Lab: Techniques | • | • | | • | • | | COREQ: CHEM 2500; PREQ: CHEM 1511; LAB FEE |
| 2510 | Org Chem: Functional Group Interconversions | | • | • | | • | • | PREQ: C- or better in CHEM 2500 |
| 2511 | Org Chem Lab: Applications | | • | • | | • | • | COREQ: CHEM 2510; PREQ: CHEM 2501; LAB FEE |
| 2520 | Org Chem: Reactions of Pi-Systems | • | | • | • | | • | PREQ: C- or better in CHEM 2510 |
| 2521 | Org Chem Lab: Projects | • | | • | • | | • | COREQ: CHEM 2520; PREQ: CHEM 2511; LAB FEE |
| 2700 | Laboratory Safety | | | • | | | • | PREQ: 1 QTR of GENERAL CHEM; One 4 hour field trip TBD |
| 2800 | Forensic Science | | • | | | • | | X: CRJS 4800; X: UCOR 3810 |
| 2960 | Directed Study | • | • | • | • | • | • | PRM-CHR |
| 3000 | Quantitative Analysis | • | • | | • | • | | PREQ: CHEM 1511; CHEM 1520 or 1590; JR-STND or PRM-CHR |
| 3500 | Physical Chem: Quantum Theory, Spectroscopy & Molecular Bonding | • | | | not offered | | | PREQ: CHEM 1520 or 1590; MATH 2330; PHYS 1230 or 1070 |
| 3510 | Physical Chem: Thermodynamics & Kinetics | | • | | | • | | PREQ: CHEM 1520 or 1590; PHYS 1230 or 1070; MATH 1336; or PRM-CHR |
| 3511 | Physical Chem Lab: Techniques & Analysis | | • | | | • | | COREQ: CHEM 3510; PREQ: CHEM 3000; LAB FEE |
| 3520 | Physical Chem: Photochemistry, Mixtures, & Statistical Thermodynamics | | | • | | | • | PREQ: CHEM 3510 |
| 3521 | Physical Chem Lab: Applications & Modeling | | | • | | | • | COREQ: CHEM 3520; PREQ: CHEM 3511; LAB FEE |
| 3600 | Introductory Biochemistry | • | • | • | • | • | • | PREQ: CHEM 2510, BIOL 1610/1611 |
| 3960 | Directed Study | • | • | • | • | • | • | PRM-CHR |
| 4000 | Instrumental Analysis | | | • | | | • | PREQ: CHEM 3000; LAB FEE |
| 4600 | Biochemistry - Advanced Enzymology | | • | | | • | | PREQ: CHEM 3600 |
| 4610 | Biochem II: DNA Methods | | | • | | | • | PREQ: CHEM 3600 |
| 4700 | Advanced Inorg Chem | not offered | | | | | | PREQ: CHEM 2100 |
| 4701 | Synthetic Inorg Chem Lab | not offered | | | | | | COREQ: CHEM 4700; PREQ: CHEM 2100; LAB FEE |
| 4800 | Advanced Org Chem | not offered | | | | | • | PREQ: CHEM 2520 |
| 4802 | Physical Org Chem | not offered | | | not offered | | | PREQ: CHEM 2520 |
| 4804 | Environmental Org Chem | | | • | not offered | | | PREQ: CHEM 2520 |
| 4950 | Internship | • | • | • | • | • | • | PRM-FACULTY |
| 4960 | Independent Study | • | • | • | • | • | • | PRM-CHR |
| 4985 | Sr Synthesis Seminar 1 | • | | | • | | | PREQ: CHEM 2510 RECOMND; JR-STND; MJR ONLY |
| 4990 | Undergraduate Research | • | • | • | • | • | • | PRM-FACULTY |
| 4990 | Course-Based Undergraduate Research Experience (CURE) | • | • | | • | • | | PRM-FACULTY |
| 4995 | Sr Synthesis Seminar 2 | | | • | | | • | PREQ: CHEM 4985 |

