

# Chemistry & Biochemistry

[Overview](#)[Academics & Admissions](#)[Programs](#)[Minors](#)[Courses](#)[Faculty](#)

## Courses

- [Chem 101: Chemical Concepts](#)
- [Chem 103: Survey of Chemistry I](#)
- [Chem 104: Survey of Chemistry II](#)
- [Chem 105: General Chemistry I](#)
- [Chem 106: General Chemistry II](#)
- [Chem 107: General Chemistry Honors Recitation I](#)
- [Chem 108: General Chemistry Honors Recitation II](#)
- [Chem 113: Survey of Chemistry Laboratory I](#)
- [Chem 114: Survey of Chemistry Laboratory II](#)
- [Chem 115: General Chemistry Laboratory I](#)
- [Chem 116: General Chemistry Laboratory II](#)
- [Chem 121: Fundamentals of Organic Chemistry](#)
- [Chem 201: Environmental Chemistry I](#)
- [Chem 202: Environmental Chemistry II](#)
- [Chem 221: Elementary Organic Chemistry I](#)
- [Chem 222: Elementary Organic Chemistry II](#)
- [Chem 225: Elementary Organic Chem. Laboratory I](#)
- [Chem 226: Elementary Organic Chem. Laboratory II](#)
- [Chem 227: Organic Chemistry Honors Recitation I](#)
- [Chem 228: Organic Chemistry Honors Recitation II](#)
- [Chem 251: Introduction to Individual Research](#)
- [Chem 271: Biochemical Concepts](#)
- [Chem 293: Introductory Special Topics in Chemistry](#)
- [Chem 314: Quantitative Analysis](#)
- [Chem 319: Chem & Phys Methods of Forensic Chem](#)
- [Chem 331: Physical Chemistry I](#)
- [Chem 332: Physical Chemistry II](#)
- [Chem 334: Biophysical Chemistry](#)
- [Chem 337: Physical Chemistry Laboratory I](#)
- [Chem 351: Individual Research](#)
- [Chem 373: Intermediate Biochemistry](#)
- [Chem 381: Chemistry for Teachers I](#)
- [Chem 382: Chemistry for Teachers II](#)
- [Chem 383: Chemistry for Teachers III](#)
- [Chem 393: Intermediate Special Topics in Chemistry](#)
- [Chem 401: Inorganic Chemistry](#)
- [Chem 402: Inorganic Chemistry Laboratory](#)
- [Chem 415: Computer Methods in Chemistry](#)
- [Chem 421: Recitation in Organic Chemistry I](#)
- [Chem 422: Recitation in Organic Chemistry II](#)
- [Chem 423: Organic Analysis](#)
- [Chem 441: Forensic Chemistry Senior Research](#)
- [Chem 451: Senior Individual Research](#)
- [Chem 459: Forensic Science Internship](#)
- [Chem 463: Senior Research and Discovery](#)
- [Chem 469: Introduction to Instrumental Analysis](#)
- [Chem 470: Forensic DNA Analysis](#)
- [Chem 471: Biochemistry I](#)



- [Chem 472: Biochemistry Laboratory](#)
- [Chem 473: Biochemistry II](#)
- [Chem 512: Advanced Instrumental Analysis](#)
- [Chem 513: Principles of Analytical Chemistry](#)
- [Chem 514: Fundamentals of Electrochemistry](#)
- [Chem 519: Chemical Separations](#)
- [Chem 524: Principles of Organic Chemistry](#)
- [Chem 525: Organic Spectroscopy and Spectrometry](#)
- [Chem 527: Adv. Organic Chem., Structure Mechanism](#)
- [Chem 528: Adv. Organic Chem., Structure Synthesis](#)
- [Chem 529: Stereochemistry](#)
- [Chem 530: Advanced Organic Synthesis](#)
- [Chem 531: Advanced Physical Chem., Quantum Chem.](#)
- [Chem 532: Chemical Thermodynamics](#)
- [Chem 534: Physical Biochemistry](#)
- [Chem 535: Principles of Physical Chemistry I](#)
- [Chem 536: Advanced Phys. Chem., Reaction Dynamics](#)
- [Chem 538: Principles of Physical Chemistry II](#)
- [Chem 544: Chemical Applications of Group Theory](#)
- [Chem 545: Chemical Literature](#)
- [Chem 546: Chem for High School Science Teacher I](#)
- [Chem 547: Chem. for High School Science Teacher II](#)
- [Chem 548: Workshop-Middle School Science Teachers](#)
- [Chem 550: Safety in the Chemical Laboratory](#)
- [Chem 554: Analytical Environmental Chemistry](#)
- [Chem 563: Applied Spectroscopy](#)
- [Chem 580: Molecular Biochemistry I](#)
- [Chem 581: Molecular Biochemistry II](#)
- [Chem 593: Advanced Special Topics in Chemistry](#)
- [Chem 617: Research Methodology in Chemistry I](#)
- [Chem 651: Research Experience in Chemistry](#)
- [Chem 659: Masters Seminar](#)
- [Chem 697: Thesis](#)
- [Chem 700: Introduction to Graduate Research](#)
- [Chem 701: Advanced Inorganic Chemistry I](#)
- [Chem 702: Advanced Inorganic Chemistry II](#)
- [Chem 703: Inorganic Techniques](#)
- [Chem 705: Seminar in Chemistry](#)
- [Chem 715: Selected Topics in Analytical Chemistry](#)
- [Chem 717: Internship Seminar in College Chemistry](#)
- [Chem 718: Research Methodology in Chemistry II](#)
- [Chem 722: Organic Techniques](#)
- [Chem 725: Selected Topics in Organic Chemistry](#)
- [Chem 733: Selected Topics in Physical Chemistry](#)
- [Chem 741: Selected Topics in Inorganic Chemistry](#)
- [Chem 750: Area Seminars](#)
- [Chem 759: Doctoral Seminar](#)
- [Chem 761: Quantum Chemistry](#)
- [Chem 762: Theory of Molecular Structure](#)
- [Chem 765: Bioinorganic Chemistry](#)
- [Chem 771: Biochemistry I](#)
- [Chem 772: Biochemical Techniques](#)
- [Chem 773: Biochemistry II](#)
- [Chem 774: Selected Topics in Biochemistry](#)
- [Chem 776: Nucleic Acid Chemistry](#)
- [Chem 777: Protein Structure](#)
- [Chem 796: Doctoral Thesis](#)
- [Chem 797: Dissertation](#)

