



## **CHEMISTRY & BIOCHEMISTRY**

<u>Overview</u>

## Academics & Admissions

**Programs** 

**Minors** 

**Courses** 

Faculty

## Courses

- <u>Chem 101: Chemical Concepts</u>
- <u>Chem 103: Survey of Chemistry I</u>
- <u>Chem 104: Survey of Chemistry II</u>
- <u>Chem 105: General Chemistry I</u>
- <u>Chem 106: General Chemistry II</u>
- <u>Chem 107: Honors Recitation I</u>
- <u>Chem 108: Honors Recitation II</u>
- <u>Chem 113: Survey of Chemistry Laboratory I</u>
- <u>Chem 114: Survey of Chemistry Laboratory II</u>
- <u>Chem 115: General Chemistry Laboratory I</u>
- <u>Chem 116: General Chemistry Laboratory II</u>
- <u>Chem 121: Fundamentals of Organic Chemistry</u>
- <u>Chem 201: Environmental Chemistry I</u>
- <u>Chem 202: Environmental Chemistry II</u>
- <u>Chem 221: Elementary Organic Chemistry I</u>
- <u>Chem 222: Elementary Organic Chemistry II</u>
- <u>Chem 225: Elementary Organic Chem. Laboratory I</u>
- Chem 226: Elementary Organic Chem. Laboratory II
- Chem 227: Organic Chemistry Honors Recitation I
- Chem 228: Organic Chemistry Honors Recitation II
- <u>Chem 271: Biochemical Concepts</u>
- <u>Chem 293: Special Topics in Chemistry</u>
- Chem 314: Quantitative Analysis
- <u>Chem 319: Chem & Phys Methods of Forensic Chem</u>
- <u>Chem 331: Physical Chemistry I</u>
- <u>Chem 332: Physical Chemistry II</u>
- <u>Chem 334: Biophysical Chemistry</u>
- <u>Chem 337: Physical Chemistry Laboratory I</u>
- <u>Chem 351: Individual Research</u>
- Chem 373: Intermediate Biochemistry
- Chem 381: Chemistry for Teachers I
- Chem 382: Chemistry for Teachers II
- Chem 383: Chemistry for Teachers III
- Chem 393: Advanced Special Topics in Chemistry
- Chem 401: Inorganic Chemical Principles
- Chem 402: Inorganic Chemical Laboratory
- Chem 415: Computer Methods in Chemistry
- Chem 421: Recitation in Organic Chemistry I
- Chem 422: Recitation in Organic Chemistry II
- <u>Chem 423: Organic Analysis</u>
- Chem 441: Forensic Chemistry Senior Research
- <u>Chem 451: Senior Individual Research</u>
- Chem 459: Forensic Science Internship
- Chem 463: Senior Research
- <u>Chem 469: Introduction to Instrumental Analysis</u>
- <u>Chem 470: Forensic DNA Analysis</u>
- <u>Chem 471: Biochemistry I</u>
- <u>Chem 472: Biochemistry Laboratory</u>

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- Chem 473: Biochemistry II
- <u>Chem 512: Advanced Instrumental Analysis</u>
- <u>Chem 513: Principles of Analytical Chemistry</u>
- <u>Chem 514: Fundamentals of Electrochemistry</u>
- <u>Chem 519: Chemical Separations</u>
- <u>Chem 524: Principles of Organic Chemistry</u>
- <u>Chem 525: Organic Spectroscopy and Spectrometry</u>
- <u>Chem 527: Adv. Organic Chem., Structure Mechanism</u>
- <u>Chem 528: Adv. Organic Chem., Structure Synthesis</u>
- <u>Chem 529: Stereochemistry</u>
- <u>Chem 530: Advanced Organic Synthesis</u>
- <u>Chem 531: Advanced Physical Chem., Quantum Chem.</u>
- <u>Chem 532: Chemical Thermodynamics</u>
- <u>Chem 534: Physical Biochemistry</u>
- <u>Chem 535: Principles of Physical Chemistry I</u>
- <u>Chem 536: Advanced Phys. Chem., Reaction Dynamics</u>
- <u>Chem 538: Principles of Physical Chemistry II</u>
- <u>Chem 544: Chemical Applications of Group Theory</u>
- <u>Chem 545: Chemical Literature</u>
- <u>Chem 546: Chem for High School Science Teacher I</u>
- Chem 547: Chem. for High School Science Teacher II
- Chem 548: Workshop-Middle School Science Teachers
- <u>Chem 550: Safety in the Chemical Laboratory</u>
- Chem 554: Analytical Environmental Chemistry
- <u>Chem 563: Applied Spectroscopy</u>
- <u>Chem 580: Molecular Biochemistry I</u>
- <u>Chem 581: Molecular Biochemistry II</u>
- <u>Chem 593: Advanced Special Topics in Chemistry</u>
- <u>Chem 600: Introduction to Graduate Research</u>
- <u>Chem 601: Advanced Inorganic Chemistry I</u>
- <u>Chem 602: Advanced Inorganic Chemistry II</u>
- <u>Chem 603: Inorganic Techniques</u>
- <u>Chem 605: Seminar in Chemistry</u>
- <u>Chem 615: Selected Topics in Analytical Chemistry</u>
- Chem 617: Research Methodology in Chemistry I
- Chem 618: Research Methodology in Chemistry II
- <u>Chem 622: Organic Techniques</u>
- Chem 625: Selected Topics in Organic Chemistry
- Chem 633: Selected Topics in Physical Chemistry
- Chem 641: Selected Topics in Inorganic Chemistry
- Chem 650: Area Seminars
- Chem 651: Research Experience in Chemistry
- <u>Chem 659: Doctoral Seminar</u>
- <u>Chem 659: Masters Seminar</u>
- <u>Chem 661: Quantum Chemistry</u>
- <u>Chem 662: Theory of Molecular Structure</u>
- <u>Chem 665: Bioinorganic Chemistry</u>
- <u>Chem 671: Biochemistry I</u>
- <u>Chem 672: Biochemical Techniques</u>
- <u>Chem 673: Biochemistry II</u>
- <u>Chem 674: Selected Topics in Biochemistry</u>
- <u>Chem 676: Nucleic Acid Chemistry</u>
- <u>Chem 677: Protein Structure</u>
- <u>Chem 697: Thesis</u>
- <u>Chem 717: Internship Seminar in College Chemistry</u>
- <u>Chem 796: Doctoral Thesis</u>
- <u>Chem 797: Dissertation</u>

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