### CHEMISTRY & BIOCHEMISTRY | Fall 2013-14

322 Coulter Hall, University, MS 38677 http://chemistry.olemiss.edu



# 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: Honors Recitation I
- Chem 108: 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: 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 340: Introduction to Astrochemistry
- 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: 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
- Chem 423: Organic Analysis
- Chem 441: Forensic Chemistry Senior Research
- Chem 451: Senior Individual Research
- Chem 459: Forensic Science Internship
- Chem 463: Senior Research
- Chem 469: Introduction to Instrumental Analysis
- Chem 470: Forensic DNA Analysis



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- 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 556: Research Methods in STEM Education
- Chem 563: Applied Spectroscopy
- Chem 580: Molecular Biochemistry I
- Chem 581: Molecular Biochemistry II
- Chem 593: Advanced Special Topics in Chemistry
- Chem 600: Introduction to Graduate Research
- Chem 601: Advanced Inorganic Chemistry I
- Chem 602: Advanced Inorganic Chemistry II
- Chem 603: Inorganic Techniques
- Chem 605: Seminar in Chemistry
- Chem 615: Selected Topics in Analytical Chemistry
- Chem 617: Research Methodology in Chemistry I
- Chem 618: Research Methodology in Chemistry II
- Chem 622: Organic Techniques
- 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
- Chem 659: Doctoral Seminar
- Chem 659: Masters Seminar
- Chem 661: Quantum Chemistry
- Chem 662: Theory of Molecular Structure
- Chem 665: Bioinorganic Chemistry
- Chem 671: Biochemistry I
- Chem 672: Biochemical Techniques
- Chem 673: Biochemistry II
- Chem 674: Selected Topics in Biochemistry
- Chem 676: Nucleic Acid Chemistry
- Chem 677: Protein Structure
- Chem 697: Thesis
- Chem 716: Mass Spectrometry Fundamentals
- Chem 717: Internship Seminar in College Chemistry



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- Chem 796: Doctoral Thesis
- Chem 797: Dissertation

