

Chemistry & Biochemistry

Overview

Academics & Admissions

Programs

<u>Minors</u>

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



Chemistry & Biochemistry | Spring 2023-24

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



- 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 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 716: Mass Spectrometry Fundamentals
- 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





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



• Chem 797: Dissertation

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

