

Chemical Engineering

- <u>Ch E 101: Introduction to Chemical Engineering</u>
- Ch E 103: Introduction to Chemical Engineering I
- <u>Ch E 104: Introduction to Chemical Engineering II</u>
- <u>Ch E 251: Programming for Chemical Engineering</u>
- Ch E 252: Fundamentals of Chem Eng Problem Solving
- Ch E 307: Chemical Process Principles I
- Ch E 308: Chemical Process Principles II
- <u>Ch E 309: Intro to Chemical Engineering Design</u>
- Ch E 313: Modeling and Simulation I
- Ch E 314: Modeling and Simulation II
- <u>Ch E 317: Process Fluid Dynamics and Heat Transfer</u>
- Ch E 330: Chemical Eng. R & D Experience
- <u>Ch E 345: Engineering Economy</u>
- <u>Ch E 407: Chemical Engineering Projects I</u>
- Ch E 408: Chemical Engineering Projects II
- Ch E 411: Chemical Engineering Seminar
- <u>Ch E 412: Process Control and Safety</u>
- <u>Ch E 413: Chemical Process Safety</u>
- Ch E 417: Separation Processes
- <u>Ch E 421: Chemical Engineering Thermodynamics</u>
- <u>Ch E 423: Chemical Reactor Analysis and Design</u>
- Ch E 431: ChE Mass and Energy Balance Lab
- <u>Ch E 432: ChE Unit Operations Lab</u>
- Ch E 433: ChE Design Lab
- Ch E 445: Chemical Engineering Lab I
- Ch E 446: Chemical Engineering Lab II
- Ch E 449: Process Design
- Ch E 450: Process Optimization
- <u>Ch E 451: Plant Design I</u>
- Ch E 452: Product and Process Development
- <u>Ch E 460: Product Design I:Development, Evaluation</u>
- Ch E 461: Product Design II: Product Realization
- Ch E 511: Process Dynamics and Control
- Ch E 513: Special Topics in Chemical Engineering
- Ch E 515: Research Seminar
- Ch E 520: Biochemical Engineering
- Ch E 521: Drug and Gene Delivery
- Ch E 522: Immunoengineering
- Ch E 523: Molecular and Cellular Biophysics
- Ch E 524: Microscopy for Engineers
- Ch E 528: Polymer Processing
- Ch E 530: Coal Utilization and Pollutants Control
- Ch E 535: Experimental Methods in Engineering
- Ch E 540: Coating Materials Process & Applications
- Ch E 541: Appl of Chemical Instrumentation I
- Ch E 542: Appl of Chemical Instrumentation II
- Ch E 543: Introduction to Polymer Science
- Ch E 545: Colloid and Surface Science
- Ch E 547: Sufactant Science and Applications
- Ch E 550: Membrane Science and Engineering
- Ch E 560: Advanced Transport Phenomena I
- Ch E 561: Advanced Transport Phenomena II
- Ch E 561: Advanced Transport Phenomena II
 Ch E 502: Craduata Prejecto in Chamical Energy
- <u>Ch E 593: Graduate Projects in Chemical Engr</u>
- <u>Ch E 660: Advanced Transport Phenomena I</u>
- <u>Ch E 661: Advanced Transport Phenomena II</u>
- Engr 540: Environmental Organic Transport Phenomen
- Engr 542: Molecular Modeling of Nano Materials
- Engr 544: Synth and Fab of Nano Materials

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.





- Engr 545: Polymer Nanocomposites
- Engr 630: Unit Process & Oper in Env Eng I
- Engr 633: Process Dynamics and Control I
- Engr 663: Advanced Rate and Equilibrium Processes
- Engr 665: Thermodynamics of Chemical Systems
- Engr 667: Mass Transfer I
- Engr 669: Chemical Reaction and Reactor Analysis I
- Engr 670: Chemical Reaction & Reactor Analysis II
- <u>M E 555: Heating Ventilation and Air-Conditioning</u>

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