

B.S.Ch.E. in Chemical Engineering

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Degree Requirements

The academic regulations for this degree program, as entered in the University of Mississippi Catalog, are in effect for the current or selected academic year and semester. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change rules for registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time.

General Education

REQUIREMENT	HOURS	DESCRIPTION
Chem 105	3	Complete Chem 105 with a passing grade.
Chem 106	3	Complete Chem 106 with a passing grade.
Chem 115	1	Complete Chem 115 with a passing grade.
Chem 116	1	Complete Chem 116 with a passing grade.
First Year Writing I	3	Complete Hon 101 , Writ 100 or Writ 101 with a passing grade.
First Year Writing II	3	Complete Hon 102 , Liba 102 , or Writ 102 with a passing grade.
Math 261	3	Complete Math 261 with a passing grade.
Math 262	3	Complete Math 262 with a passing grade.
Math 263	3	Complete Math 263 with a passing grade.
Math 264	3	Complete Math 264 with a passing grade.
Math 353	3	Complete Math 353 with a passing grade.
Phys 211	3	Complete Phys 211 with a passing grade.
Phys 212	3	Complete Phys 212 with a passing grade.
Phys 221	1	Complete Phys 221 with a passing grade.
Phys 222	1	Complete Phys 222 with a passing grade.
3 hrs fine arts	3	Successfully complete 3 hours in the fine arts. The course may be chosen from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement.
Add'l 300+ level hum/soc sci	12	Complete an additional 3 hours of advanced course work (300 level or above) in the area selected for the humanities or social sciences.
Serial humanities	6	Complete 6 hrs (from the same department) of humanities choosing from course work in classics, literature, history, philosophy, religion, Southern Studies, African American Studies, and Gender Studies.
Serial social science	6	Complete 6 hours (from the same department) of social sciences choosing from the following; economics, anthropology, political science, psychology, and sociology. Psy 202 and Econ 230 are excluded from these options.

Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
Ch E 103/104 or approved course	2	Complete Ch E 103 and Ch E 104 . As an alternative, students may complete one one of the following courses: Engr 100 , Manf 150 or Manf 252 . Coursework must be completed with a passing grade.
Ch E 307	2	Complete Ch E 307 with a passing grade.
Ch E 308	2	Complete Ch E 308 with a passing grade.
Ch E 317	3	Complete Ch E 317 with a passing grade.
Ch E 345	3	Complete Ch E 345 with a passing grade.
Ch E 411	1	Complete Ch E 411 with a passing grade.
Ch E 417	3	Complete Ch E 417 with a passing grade.
Ch E 421	3	Complete Ch E 421 with a passing grade.
Ch E 423	3	Complete Ch E 423 with a passing grade.



REQUIREMENT	HOURS	DESCRIPTION
Ch E 445	2	Complete Ch E 445 with a passing grade.
Ch E 446	2	Complete Ch E 446 with a passing grade.
Ch E 451	4	Complete Ch E 451 with a passing grade.
Ch E 452 or Ch E 460/461	3	Complete either Ch E 452 or Ch E 460/461 with a passing grade.
Ch E 511	3	Complete Ch E 511 with a passing grade.
School of Engineering GPA		Must be at least a 2.0

Major Requirements II

REQUIREMENT	HOURS	DESCRIPTION
Chem 221	3	Complete Chem 221 with a passing grade.
Chem 222	3	Complete Chem 222 with a passing grade.
Chem 225	1	Complete Chem 225 with a passing grade.
Csci 251	3	Complete Csci 251 with a passing grade.
Engr 309	3	Complete Engr 309 with a passing grade.
Engr 310	3	Complete Engr 310 with a passing grade.
Engr 313	3	Complete Engr 313 with a passing grade.
Engr 321	3	Complete Engr 321 with a passing grade.
Engr 322	3	Complete Engr 322 with a passing grade.
Engr 362	3	Complete Engr 362 with a passing grade.
Advanced chemistry course	3	Complete at least one advanced chemistry course. Course can be chosen from the following: Chem 334 , Chem 471 , Ch E 543 , Ch E 545 , GE 503 , and Engr 540 .
6 hrs tech electives	6	Complete two 3-hour technical electives at the 300 level or higher from among higher engineering, chemistry, physics, geology, biology, or mathematics.

