

# 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
<a href="#">Chem 105</a>	3	Complete <a href="#">Chem 105</a> with a passing grade.
<a href="#">Chem 106</a>	3	Complete <a href="#">Chem 106</a> with a passing grade.
<a href="#">Chem 115</a>	1	Complete <a href="#">Chem 115</a> with a passing grade.
<a href="#">Chem 116</a>	1	Complete <a href="#">Chem 116</a> with a passing grade.
First Year Writing I	3	Complete <a href="#">Hon 101</a> , <a href="#">Writ 100</a> or <a href="#">Writ 101</a> with a passing grade.
First Year Writing II	3	Complete <a href="#">Hon 102</a> , <a href="#">Liba 102</a> , or <a href="#">Writ 102</a> with a passing grade.
<a href="#">Math 261</a>	3	Complete <a href="#">Math 261</a> with a passing grade.
<a href="#">Math 262</a>	3	Complete <a href="#">Math 262</a> with a passing grade.
<a href="#">Math 263</a>	3	Complete <a href="#">Math 263</a> with a passing grade.
<a href="#">Math 264</a>	3	Complete <a href="#">Math 264</a> with a passing grade.
<a href="#">Math 353</a>	3	Complete <a href="#">Math 353</a> with a passing grade.
<a href="#">Phys 211</a>	3	Complete <a href="#">Phys 211</a> with a passing grade.
<a href="#">Phys 212</a>	3	Complete <a href="#">Phys 212</a> with a passing grade.
<a href="#">Phys 221</a>	1	Complete <a href="#">Phys 221</a> with a passing grade.
<a href="#">Phys 222</a>	1	Complete <a href="#">Phys 222</a> with a passing grade.
3 hrs fine arts	3	Student must successfully complete 3 hours in the fine arts. The course may be chosen from art history, art appreciation, and criticism of art, dance, music, and theatre arts. Courses emphasizing the enhancement of skills and performance are not acceptable.
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. <a href="#">Psy 202</a> and <a href="#">Econ 230</a> are excluded from these options.

### Major Requirements

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

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

### Major Requirements II

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Chem 221</a>	3	Complete <a href="#">Chem 221</a> with a passing grade.
<a href="#">Chem 222</a>	3	Complete <a href="#">Chem 222</a> with a passing grade.
<a href="#">Chem 225</a>	1	Complete <a href="#">Chem 225</a> with a passing grade.
<a href="#">Csci 251</a>	3	Complete <a href="#">Csci 251</a> with a passing grade.
<a href="#">Engr 309</a>	3	Complete <a href="#">Engr 309</a> with a passing grade.
<a href="#">Engr 310</a>	3	Complete <a href="#">Engr 310</a> with a passing grade.
<a href="#">Engr 313</a>	3	Complete <a href="#">Engr 313</a> with a passing grade.
<a href="#">Engr 321</a>	3	Complete <a href="#">Engr 321</a> with a passing grade.
<a href="#">Engr 322</a>	3	Complete <a href="#">Engr 322</a> with a passing grade.
<a href="#">Engr 362</a>	3	Complete <a href="#">Engr 362</a> with a passing grade.
Advanced chemistry course	3	Complete at least one advanced chemistry course. Course can be chosen from the following: <a href="#">Chem 334</a> , <a href="#">Chem 471</a> , <a href="#">Ch E 543</a> , <a href="#">Ch E 545</a> , <a href="#">GE 503</a> , and <a href="#">Engr 540</a> .
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.

