

B.S.Ch.E. in Chemical Engineering

Overview

Degree Requirements

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.

B.S.Ch.E. in Chemical Engineering General Education

REQUIREMENT	HOURS	DESCRIPTION			
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.			
<u>Chem 105</u>	3	Complete Chem 105 with a passing grade.			
<u>Chem 106</u>	3	Complete Chem 106 with a passing grade.			
<u>Chem 115</u>	1	Complete Chem 115 with a passing grade.			
<u>Chem 116</u>	1	Complete Chem 116 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	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 a performance are not acceptable.			
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.			
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.			

Major Requirements

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

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.





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Emphasis - BiotechnologyREQUIREMENTHOURSDESCRIPTIONCh E 5203Complete Ch E 520 with a passing grade.Chem 3343Complete Chem 334 with a passing grade.Phar 3313Complete Phar 331 with a passing grade.	Materials elective	3					
REQUIREMENTHOURSDESCRIPTIONCh E 5203Complete Ch E 520 with a passing grade.Chem 3343Complete Chem 334 with a passing grade.Phar 3313Complete Phar 331 with a passing grade.	Tech elective or Ch E 330	3	Comp	Complete a technical elective or ChE R&D Experience (<u>ChE 330</u>).			
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Chem 334 3 Complete Chem 334 with a passing grade. Phar 331 3 Complete Phar 331 with a passing grade.	REQUIREMENT		но	URS	DESCRIPTION		
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	<u>Chem 334</u>		3		Complete Chem 334 with a passing grade.		
Tech elective or Ch E 330 3 Complete a technical elective or ChE R&D Experience (ChE 330).	Phar 331		3		Complete Phar 331 with a passing grade.		
			3		Complete a technical elective or ChE R&D Experience (ChE 330).		
Pre-Med Option							
REQUIREMENT HOURS DESCRIPTION	REQUIREMENT		HOUR	S I	DESCRIPTION		
Chem 471 3 Complete Chem 471 with a passing grade.	<u>Chem 471</u>		3		Complete <u>Chem 471</u> with a passing grade.		

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.





REQUIREMENT		HOURS	DESCRIPTION				
<u>Chem 473</u>		3	Complete Chem 473 with a passing grade.				
Biological science courses		8	Complete the following biological science courses: Bisc 160/161 and Bisc 162/163.				
3 hrs Tech elective		3	Complete a technical elective.				
Emphasis - Environmental							
REQUIREMENT	HOURS	DESCRIPTION					
<u>C E 471</u>	3	Complete	<u>C E 471</u> with a passing grade.				
Advanced chemistry course	3	Complete a	ete at least one advanced chemistry course chosen from the following: <u>G E 503</u> or Engr 540.				
Environ. technical elective	3	Complete a	ete at least one of the following environmental technical elective courses: Engr 537, Engr 573, or Engr 571.				
Tech elective or Ch E 330	3 Complete		a technical elective or <u>ChE 330</u> .				
Emphasis - Manufacturing							
REQUIREMENT		HOURS	DESCRIPTION				
<u>Manf 150</u>		1	Complete Manf 150 with a passing grade.				
Manf 251		3	Complete Manf 251 with a passing grade.				
Manf 252		1	Complete Manf 252 with a passing grade.				
Manf 253		3	Complete Manf 253 with a passing grade.				
Manf 254		3	Complete Manf 254 with a passing grade.				
<u>Ch E 460</u>		1	Complete Ch E 460 with a passing grade				
<u>Ch E 461</u>		2	Complete Ch E 461 with a passing grade.				
<u>Bus 250</u>		3	Complete Bus 250 with a passing grade.				

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