

B.S.G.E. in Geological 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.

General Education

REQUIREMENT	HOURS	DESCRIPTION
Chem 105	3	Complete Chem 105 .
Chem 106	3	Complete Chem 106 .
Chem 115	1	Complete Chem 115 .
Chem 116	1	Complete Chem 116 .
Econ 310	3	Complete Econ 310 .
First Year Writing I	3	Complete one of the following: Writ 100 , Writ 101 , or Hon 101 .
First Year Writing II	3	Complete one of the following: Writ 102 , Liba 102 , or Hon 102 .
Math 261	3	Complete Math 261 .
Math 262	3	Complete Math 262 .
Math 263	3	Complete Math 263 .
Math 264	3	Complete Math 264 .
Math 353	3	Complete Math 353 .
Phys 211	3	Complete Phys 211 .
Phys 212	3	Complete Phys 212 .
Phys 221	1	Complete Phys 221 .
Phys 222	1	Complete Phys 222 .
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.
3 hrs humanities	3	Complete 3 hrs of humanities choosing from the following: classics, literature, history, modern language, philosophy, religion, Southern studies, African American Studies, and Gender Studies.
3 hrs social science	3	Complete 3 hours of social sciences choosing from the following; anthropology, economics, political science, psychology, and sociology.
Electives include 2-course sequence	6	As part of the required humanities, fine arts, and social sciences requirement, students must complete at least one two-course sequence from a department within one of the following areas: anthropology, economics, Latin American studies, political science, psychology, sociology, classics, English (200 level or above), history, modern language (200 level or above), honors, philosophy, religion, or Southern studies. Students may also chose courses in the history, appreciation, and criticism of art, dance, theatre arts, and music.
15 hrs fine arts/humanities/soc sci	15	Complete 15 hours in any of the social sciences, humanities or fine arts categories defined by the School of Engineering general education requirements. . Within the 15 hours, the student must fulfill the following requirements: - 3 hours of social science - 3 hours of fine arts - 3 hours of humanities - At least one two-course sequence from a department. . Courses may be chosen from the following departments anthropology, economics, Latin American studies, political science, psychology, sociology, classics, English (200 level or above), history, modern language (200 level or above), honors, philosophy, religion, or Southern studies. Students may also chose courses in the history, appreciation, and criticism of art, dance, music, and theatre arts.

Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
Geol 103	4	Complete Geol 103 .
Geol 221	4	Complete Geol 221 with a passing grade.



REQUIREMENT	HOURS	DESCRIPTION
Geol 222	4	Complete Geol 222 with a passing grade.
Geol 303	3	Complete Geol 303 .
Geol 305	3	Complete Geol 305 .
G E 234	1	Complete G E 234 with a passing grade.
Geol 314	4	Complete Geol 314 .
G E 305	3	Complete G E 305 with a passing grade.
G E 420	4	Complete G E 420 .
G E 421	4	Complete G E 421 .
G E 437	6	Complete G E 437 with a passing grade.
G E 450	4	Complete G E 450 .
G E 470	3	Complete G E 470 .
2 engineering science electives	6	Complete 2 Engineering Science Electives from the following Engr 360 , Engr 321 , C E 472
2 technical electives	8	Complete 2 Geological Engineering electives from the following G E 405 , G E 440 , G E 460 , G E 490 , G E 503 , G E 507 , G E 510 , G E 511 , G E 513 , C E 471 or C E 325 , Engr 310 , Engr 313
Engineering exam		Students must take the Fundamentals of Engineering examination prior to awarding of the baccalaureate degree.
School of Engineering GPA		Must be at least a 2.0

Major Requirements II

REQUIREMENT	HOURS	DESCRIPTION
C E 431	3	Complete C E 431 .
Csci 251 or 256	3	Complete Csci 251 or CSci 256 .
Engr 207	1	Complete Engr 207 .
Engr 309	3	Complete Engr 309 .
Engr 312	3	Complete Engr 312 .
Engr 323	3	Complete Engr 323 .
Engr 340	3	Complete Engr 340 .
Engr 310 or Engr 453	3	Complete Engr 310 or Engr 453 .

