

# B.S.G.E. in Geological 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> .  |
| <a href="#">Chem 106</a>     | 3     | Complete <a href="#">Chem 106</a> .  |
| <a href="#">Chem 115</a>     | 1     | Complete <a href="#">Chem 115</a> .  |
| <a href="#">Chem 116</a>     | 1     | Complete <a href="#">Chem 116</a> .  |
| <a href="#">Econ 310</a>     | 3     | Complete <a href="#">Econ 310</a> .  |
| First Year Writing I         | 3     | Complete one of the following: <a href="#">Writ 100</a> , <a href="#">Writ 101</a> , or <a href="#">Hon 101</a> .  |
| First Year Writing II        | 3     | Complete one of the following: <a href="#">Writ 102</a> , <a href="#">Liba 102</a> , or <a href="#">Hon 102</a> .  |
| <a href="#">Math 261</a>     | 3     | Complete <a href="#">Math 261</a> .  |
| <a href="#">Math 262</a>     | 3     | Complete <a href="#">Math 262</a> .  |
| <a href="#">Math 263</a>     | 3     | Complete <a href="#">Math 263</a> .  |
| <a href="#">Math 264</a>     | 3     | Complete <a href="#">Math 264</a> .  |
| <a href="#">Math 353</a>     | 3     | Complete <a href="#">Math 353</a> .  |
| <a href="#">Phys 211</a>     | 3     | Complete <a href="#">Phys 211</a> .  |
| <a href="#">Phys 212</a>     | 3     | Complete <a href="#">Phys 212</a> .  |
| <a href="#">Phys 221</a>     | 1     | Complete <a href="#">Phys 221</a> .  |
| <a href="#">Phys 222</a>     | 1     | Complete <a href="#">Phys 222</a> .  |
| 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.  |
| 3 hrs general education work | 3     | Complete 3 hrs General Education work chosen from the following: additional fine art, additional social science, additional humanities, <a href="#">As 301</a> , <a href="#">As 302</a> , <a href="#">Bus 250</a> , <a href="#">Bus 271</a> , <a href="#">Edld 110</a> , <a href="#">Edld 111</a> , <a href="#">Edld 120</a> , <a href="#">Edld 220</a> , <a href="#">Engr 400</a> , <a href="#">Mgmt 371</a> , <a href="#">Msl 102</a> , <a href="#">Nsc 211</a> , <a href="#">Spch 102</a> , or <a href="#">Spch 105</a> . |
| 3 hrs social sciences        | 3     | Complete 3 hours of social sciences choosing from the following; economics, anthropology, political science, psychology, and sociology.  |
| 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 fine arts/humanities   | 3     | Complete 3 hours of humanities or fine arts categories defined by the School of Engineering general education requirements.  |

### Major Requirements

| REQUIREMENT                                     | HOURS | DESCRIPTION  |
|---|-------|--|
| <a href="#">Geol 103</a>                        | 4     | Complete <a href="#">Geol 103</a> .                        |
| <a href="#">Geol 106</a> or <a href="#">102</a> | 2     | Complete <a href="#">Geol 106</a> or <a href="#">102</a> . |
| <a href="#">Geol 225</a>                        | 5     | Complete <a href="#">Geol 225</a> .                        |
| <a href="#">Geol 305</a>                        | 3     | Complete <a href="#">Geol 305</a> .                        |
| <a href="#">Geol 303</a>                        | 3     | Complete <a href="#">Geol 303</a> .                        |
| <a href="#">Geol 314</a>                        | 4     | Complete <a href="#">Geol 314</a> .                        |

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| REQUIREMENT                     | HOURS | DESCRIPTION   |
|---------------------------------|-------|---|
| <a href="#">G E 301</a>         | 3     | Complete <a href="#">G E 301</a> .  |
| <a href="#">G E 401</a>         | 3     | Complete <a href="#">G E 401</a> .  |
| <a href="#">G E 405</a>         | 3     | Complete <a href="#">G E 405</a> .  |
| <a href="#">G E 420</a>         | 4     | Complete <a href="#">G E 420</a> .  |
| <a href="#">G E 421</a>         | 4     | Complete <a href="#">G E 421</a> .  |
| <a href="#">G E 450</a>         | 4     | Complete <a href="#">G E 450</a> .  |
| <a href="#">G E 470</a>         | 3     | Complete <a href="#">G E 470</a> .  |
| <a href="#">G E 540</a>         | 4     | Complete <a href="#">G E 540</a> .  |
| Technical Elective              | 3     | Complete a Geological Engineering elective chosen from the following list of courses: <a href="#">G E 415</a> , <a href="#">G E 460</a> , <a href="#">G E 490</a> , <a href="#">G E 503</a> , <a href="#">G E 507</a> , <a href="#">G E 510</a> , <a href="#">G E 511</a> , <a href="#">G E 513</a> , <a href="#">C E 325</a> or <a href="#">C E 471</a> , <a href="#">Engr 313</a> |
| 2 engineering science electives | 6     | Complete 2 Engineering Science Electives from the following <a href="#">Engr 360</a> , <a href="#">Engr 321</a> , <a href="#">C E 472</a>   |
| 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   |
|---|-------|---|
| <a href="#">C E 431</a>                         | 3     | Complete <a href="#">C E 431</a> .                              |
| <a href="#">Csci 251</a> or <a href="#">256</a> | 3     | Complete <a href="#">Csci 251</a> or <a href="#">CSci 256</a> . |
| <a href="#">Engr 207</a>                        | 1     | Complete <a href="#">Engr 207</a> .                             |
| <a href="#">Engr 309</a>                        | 3     | Complete <a href="#">Engr 309</a> .                             |
| <a href="#">Engr 310</a>                        | 3     | Complete <a href="#">Engr 310</a> .                             |
| <a href="#">Engr 312</a>                        | 3     | Complete <a href="#">Engr 312</a> .                             |
| <a href="#">Engr 323</a>                        | 3     | Complete <a href="#">Engr 323</a> .                             |
| <a href="#">Engr 340</a>                        | 3     | Complete <a href="#">Engr 340</a> .                             |

