

# 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3 hrs fine arts          | 3     | Complete 3 hrs of fine arts with a passing grade chosen from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement. Courses that satisfy this requirement are any Art History (AH); <a href="#">Liba 130</a> , <a href="#">204</a> , <a href="#">314</a> ; <a href="#">Mus 101</a> , <a href="#">102</a> , <a href="#">103</a> , <a href="#">104</a> , <a href="#">105</a> ; <a href="#">Danc 200</a> ; <a href="#">Thea 201</a> , <a href="#">202</a> .                                                                                             |
| 6 hrs humanities         | 6     | Successfully complete 6 hrs of humanities with a passing grade chosen from the following: African American studies ( <a href="#">Aas 201</a> , <a href="#">202</a> ), classics (Clc), English ( <a href="#">Eng 220-226</a> ), gender studies ( <a href="#">G St 201</a> , <a href="#">202</a> ), history (Hst), liberal arts ( <a href="#">Liba 202</a> , <a href="#">305</a> , <a href="#">312</a> ), philosophy (Phil), religion (Rel), Southern studies ( <a href="#">S St 100</a> -level), and either <a href="#">Hon 101</a> or <a href="#">102</a> (if not being used to fulfill composition requirements). |
| 3 hrs social sciences    | 3     | Successfully complete 3 hrs of social science with a passing grade chosen from anthropology (Anth), economics (Econ), political science (Pol), psychology (Psy), sociology (Soc), <a href="#">Liba 203</a> , <a href="#">313</a> , or <a href="#">Hon 101</a> , <a href="#">102</a>                                                                                                                                                                                                                                                                                                                                |
| <a href="#">Econ 310</a> | 3     | Complete <a href="#">Econ 310</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### General Education II

| REQUIREMENT              | HOURS | DESCRIPTION                         |
|--------------------------|-------|-------------------------------------|
| <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="#">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="#">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> . |

### Major Requirements

| REQUIREMENT                                     | HOURS | DESCRIPTION                                                     |
|-------------------------------------------------|-------|-----------------------------------------------------------------|
| <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 101</a> & 111                  | 3     | Complete <a href="#">Engr 101</a> & 111 with a passing grade.   |
| <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 321</a>                        | 3     | Complete <a href="#">Engr 321</a> .                             |
| <a href="#">Engr 323</a>                        | 3     | Complete <a href="#">Engr 323</a> .                             |

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| REQUIREMENT                        | HOURS | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">Engr 340</a>           | 4     | Complete <a href="#">Engr 340</a> .                                                                                                                                                                                                                                                                                                                                                                               |
| <a href="#">Geol 103</a>           | 4     | Complete <a href="#">Geol 103</a> .                                                                                                                                                                                                                                                                                                                                                                               |
| <a href="#">Geol 106</a>           | 2     | Complete <a href="#">Geol 106</a> .                                                                                                                                                                                                                                                                                                                                                                               |
| <a href="#">Geol 225</a>           | 5     | Complete <a href="#">Geol 225</a> .                                                                                                                                                                                                                                                                                                                                                                               |
| <a href="#">Geol 314</a>           | 4     | Complete <a href="#">Geol 314</a> .                                                                                                                                                                                                                                                                                                                                                                               |
| <a href="#">Geol 303</a>           | 4     | Complete <a href="#">Geol 303</a> .                                                                                                                                                                                                                                                                                                                                                                               |
| <a href="#">Geol 305</a>           | 3     | Complete <a href="#">Geol 305</a> .                                                                                                                                                                                                                                                                                                                                                                               |
| <a href="#">G E 301</a>            | 3     | Complete <a href="#">G E 301</a> .                                                                                                                                                                                                                                                                                                                                                                                |
| <a href="#">G E 305</a>            | 3     | Complete <a href="#">G E 305</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> .                                                                                                                                                                                                                                                                                                                                                                                |
| 1 Engr Sci Elective for GE         | 3     | Complete one engineering science elective from <a href="#">C E 431</a> , <a href="#">472</a> , or <a href="#">Engr 360</a> .                                                                                                                                                                                                                                                                                      |
| 1 GE Engr Tech elect or Egr Sci El | 3     | Complete one geological engineering technical elective chosen from <a href="#">G E 415</a> , <a href="#">460</a> , <a href="#">503</a> , <a href="#">507</a> , <a href="#">510</a> , <a href="#">511</a> , <a href="#">513</a> ; <a href="#">C E 471</a> , <a href="#">325</a> ; <a href="#">Engr 313</a> , or an additional course from the Engineering Science Elective list. Please see department for advice. |
| School of Engineering GPA          |       | Must be at least a 2.0                                                                                                                                                                                                                                                                                                                                                                                            |

