

# B.S.C.E. in Civil 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 115</a>                        | 1     | Complete <a href="#">Chem 115</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                          |
| <a href="#">Econ 310</a>                        | 3     | Complete <a href="#">Econ 310</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 one of the following courses with a passing grade: <a href="#">Liba 102</a> , <a href="#">Writ 102</a> or <a href="#">Hon 102</a> .                                                                                                                                                                                                                                                                                                     |
| <a href="#">Math 261</a> - C min                | 3     | Complete <a href="#">Math 261</a> with a grade of C or better.                                                                                                                                                                                                                                                                                                                                                                                   |
| <a href="#">Math 262</a> - C min                | 3     | Complete <a href="#">Math 262</a> with a C grade or better.                                                                                                                                                                                                                                                                                                                                                                                      |
| <a href="#">Math 263</a> - C min                | 3     | Complete <a href="#">Math 263</a> with a C grade or better.                                                                                                                                                                                                                                                                                                                                                                                      |
| <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.                                                                                                                                                                                                                                                                                                                                                                                          |
| <a href="#">Spch 102</a> or <a href="#">105</a> | 3     | Complete <a href="#">Spch 102</a> or <a href="#">Spch 105</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                              |
| 3 hrs fine arts/humanities                      | 3     | Complete 3 additional hours in any of the humanities or fine arts categories defined by the School of Engineering general education requirements.                                                                                                                                                                                                                                                                                                |
| 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 humanities                                | 3     | Complete 3 hrs of humanities choosing from course work in classics, literature, history, modern language, philosophy, religion, Southern studies, African American Studies, and Gender Studies.                                                                                                                                                                                                                                                  |
| 3 hrs social sciences                           | 3     | Complete 3 hours of social sciences choosing from the following; economics, anthropology, political science, psychology, and sociology.                                                                                                                                                                                                                                                                                                          |
| 3-4 hrs science elective                        | 3     | Complete at least 3-4 hours of basic science elective chosen from the following: <a href="#">Bisc 160</a> and <a href="#">Bisc 161</a> (must complete both to receive credit), <a href="#">Geol 101</a> , <a href="#">Geol 102</a> , <a href="#">Geol 103</a> , <a href="#">Geol 104</a> , <a href="#">Geol 105</a> , <a href="#">106</a> , <a href="#">107</a> , <a href="#">120</a> , <a href="#">Bisc 102</a> , or <a href="#">Bisc 104</a> . |

### Major Requirements

| REQUIREMENT                                             | HOURS | DESCRIPTION                                                                                                                                            |
|---------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">C E 101/102</a> or <a href="#">Engr 100</a> | 2     | Complete <a href="#">C E 101</a> and <a href="#">C E 102</a> or complete <a href="#">Engr 100</a> . Coursework must be completed with a passing grade. |
| <a href="#">C E 205</a>                                 | 1     | Complete <a href="#">C E 205</a> with a passing grade.                                                                                                 |
| <a href="#">C E 207</a>                                 | 2     | Complete <a href="#">C E 207</a> with a passing grade.                                                                                                 |
| <a href="#">C E 208</a>                                 | 1     | Complete <a href="#">C E 208</a> with a passing grade.                                                                                                 |
| <a href="#">C E 305</a>                                 | 1     | Complete <a href="#">C E 305</a> with a passing grade.                                                                                                 |
| <a href="#">C E 310</a>                                 | 3     | Complete <a href="#">C E 310</a> with a passing grade.                                                                                                 |
| <a href="#">C E 311</a>                                 | 3     | Complete <a href="#">C E 311</a> with a passing grade.                                                                                                 |



| REQUIREMENT               | HOURS | DESCRIPTION                                            |
|---------------------------|-------|--------------------------------------------------------|
| <a href="#">C E 315</a>   | 3     | Complete <a href="#">C E 315</a> with a passing grade. |
| <a href="#">C E 401</a>   | 1     | Complete <a href="#">C E 401</a> with a passing grade. |
| <a href="#">C E 405</a>   | 1     | Complete <a href="#">C E 405</a> with a passing grade. |
| <a href="#">C E 412</a>   | 3     | Complete <a href="#">C E 412</a> with a passing grade. |
| <a href="#">C E 413</a>   | 3     | Complete <a href="#">C E 413</a> with a passing grade. |
| <a href="#">C E 417</a>   | 3     | Complete <a href="#">C E 417</a> with a passing grade. |
| <a href="#">C E 431</a>   | 3     | Complete <a href="#">C E 431</a> with a passing grade. |
| <a href="#">C E 433</a>   | 3     | Complete <a href="#">C E 433</a> with a passing grade. |
| <a href="#">C E 455</a>   | 2     | Complete <a href="#">C E 455</a> with a passing grade. |
| <a href="#">C E 456</a>   | 3     | Complete <a href="#">C E 456</a> with a passing grade. |
| <a href="#">C E 472</a>   | 3     | Complete <a href="#">C E 472</a> with a passing grade. |
| <a href="#">C E 471</a>   | 3     | Complete <a href="#">C E 471</a> with a passing grade. |
| <a href="#">C E 481</a>   | 3     | Complete <a href="#">C E 481</a> with a passing grade. |
| School of Engineering GPA |       | Must be at least a 2.0                                 |

## Major Requirements II

| 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> 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 312</a>                        | 3     | Complete <a href="#">Engr 312</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <a href="#">Engr 323</a>                        | 3     | Complete <a href="#">Engr 323</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <a href="#">Engr 400</a>                        | 1     | Complete <a href="#">Engr 400</a> with a passing grade.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 6 hrs Tech Elective A                           | 6     | Complete 6 hours of course work from List A technical electives: <a href="#">C E 414</a> , <a href="#">C E 435</a> , <a href="#">C E 495</a> , <a href="#">C E 513</a> , <a href="#">C E 514</a> , or <a href="#">C E 572</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 6 hrs Tech Elective B                           | 6     | Complete 6 hrs of course work from Category B Tech Electives: Any course from List A; <a href="#">C E 414</a> , <a href="#">C E 435</a> , <a href="#">C E 495</a> , <a href="#">C E 511</a> , <a href="#">C E 514</a> , <a href="#">C E 521</a> , <a href="#">C E 531</a> , <a href="#">C E 570</a> , <a href="#">C E 572</a> , <a href="#">C E 581</a> , <a href="#">C E 585</a> , <a href="#">C E 590</a> ; <a href="#">Engr 321</a> , <a href="#">Engr 360</a> , <a href="#">Engr 555</a> , <a href="#">Engr 571</a> , <a href="#">Engr 573</a> , <a href="#">Engr 591</a> , <a href="#">Engr 593</a> ; <a href="#">G E 440</a> , <a href="#">G E 450</a> ; or other courses with the approval of the student's adviser and department chair including any relevant independent study course, e.g., <a href="#">Hon 401</a> , <a href="#">C Op 301</a> , <a href="#">C Op 302</a> , <a href="#">C E 497</a> , <a href="#">Engr 596</a> , <a href="#">Engr 597</a> , or <a href="#">Engr 598</a> . Also, no more than one course from the approved list of the business minor: <a href="#">Accy 201</a> , <a href="#">Accy 202</a> , <a href="#">Econ 202</a> , <a href="#">Econ 203</a> , <a href="#">GB 350</a> , and <a href="#">GB 370</a> . |

