

# 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.

## B.S.C.E. in Civil Engineering

### General Education

REQUIREMENT	HOURS	DESCRIPTION
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> .
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> .
3 hrs humanities	3	Successfully complete 3 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), environmental studies ( <a href="#">Envs 101</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> ), literature ( <a href="#">Eng 103</a> , <a href="#">220-226</a> ), philosophy (Phil), religion (Rel), Southern studies 100-level, and either <a href="#">Hon 101</a> or <a href="#">102</a> (if not being used to fulfill composition requirements).
3 hrs Lang, Hum or FA	3	Complete 3 additional hours with a passing grade of humanities, languages (modern, Greek, or Latin), or Fine Art
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> 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.

### General Education II

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

### 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 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 371</a>	3	Complete <a href="#">C E 371</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 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 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.

### Emphasis - Environmental

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Chem 106</a>	3	Complete <a href="#">Chem 106</a> with a passing grade.
3 hrs enviro sci electives	3	Complete 3 hrs of environmental science elective courses with a passing grade chosen from: <a href="#">Bisc 104</a> , <a href="#">160</a> , <a href="#">Geol 104</a> , <a href="#">Geol 105</a>
12 hrs enviro tech elect	12	Complete 12 hrs of environmental technical electives with a passing grade chosen from: <a href="#">C E 572</a> , <a href="#">574</a> , <a href="#">575</a> , <a href="#">Engr 321</a> , <a href="#">571</a> , <a href="#">573</a> , <a href="#">Ch E 545</a> , <a href="#">G E 450</a> , <a href="#">503</a> only one of <a href="#">C E 500</a> , <a href="#">G E 470</a> , <a href="#">G E 510</a> , other elective course 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 E 497</a> , <a href="#">Engr 596</a> , <a href="#">597</a> , <a href="#">598</a> .
3 hrs Tech Elective B	3	Complete 3 additional hours from List B technical electives (Category B.I: any course from List A; Category B.II: <a href="#">C E 511</a> , <a href="#">521</a> , <a href="#">531</a> , <a href="#">570</a> , <a href="#">578</a> , <a href="#">585</a> , <a href="#">590</a> , <a href="#">Engr 321</a> , <a href="#">360</a> , <a href="#">497</a> , <a href="#">541</a> , <a href="#">547</a> , <a href="#">555</a> , <a href="#">571</a> , <a href="#">591</a> , <a href="#">593</a> , <a href="#">G E 440</a> , <a href="#">450</a> ; 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 E 497</a> , <a href="#">Engr 596</a> , <a href="#">597</a> , <a href="#">598</a> ; Category B.III: No more than one course from the approved list of the business minor.

### Emphasis - Standard

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">C E 413</a>	3	Complete <a href="#">C E 413</a> with a passing grade.
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> .
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="#">435</a> , <a href="#">495</a> , <a href="#">500</a> , <a href="#">513</a> , <a href="#">514</a> , <a href="#">516</a> , <a href="#">536</a> , <a href="#">541</a> , <a href="#">547</a> , <a href="#">572</a> , <a href="#">574</a> , <a href="#">575</a> , <a href="#">581</a> , <a href="#">Engr 573</a> .
9 hrs Tech Elective B	9	Complete 9 additional hours from List B technical electives (Category B.I: any course from List A; Category B.II: <a href="#">C E 511</a> , <a href="#">521</a> , <a href="#">531</a> , <a href="#">570</a> , <a href="#">578</a> , <a href="#">585</a> , <a href="#">590</a> , <a href="#">Engr 321</a> , <a href="#">360</a> , <a href="#">497</a> , <a href="#">541</a> , <a href="#">547</a> , <a href="#">555</a> , <a href="#">571</a> , <a href="#">591</a> , <a href="#">593</a> , <a href="#">G E 440</a> , <a href="#">450</a> ; 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 E 497</a> , <a href="#">Engr 596</a> , <a href="#">597</a> , <a href="#">598</a> ; Category B.III: No more than one course from the approved list of the business minor.

