

# B.S.C.S. in Computer Science

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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.S. in Computer Science

### 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> .
<a href="#">Math 261</a>	3	Complete <a href="#">Math 261</a> with a passing grade.
<a href="#">Math 262</a>	3	Complete <a href="#">Math 262</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	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 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 humanities	3	Courses may be chosen from African American studies ( <a href="#">AAS 201</a> , <a href="#">202</a> ); classical civilization (Clc); environmental studies ( <a href="#">Envs 101</a> ); gender studies ( <a href="#">G St 201</a> , <a href="#">202</a> ); history (Hst); <a href="#">Liba 202</a> , <a href="#">312</a> , <a href="#">305</a> ; literature ( <a href="#">Eng 103</a> , <a href="#">220-226</a> ); philosophy (Phil); religion (Rel); Southern studies 100 level; or <a href="#">Hon 101</a> , <a href="#">102</a> (if not being used to fulfill composition requirements). Additionally, students of the School of Engineering may count up to 3 credit hours of a language course (modern or Greek or Latin) with a grade of C or better to fulfill a humanities requirement. The course will be entered upon request in the student's degree audit as an approved substitute.
6 hrs social science	6	Complete 6 hours of social sciences choosing from the following; economics, anthropology, political science, psychology, and sociology.
3 hrs literature survey	3	Complete 3 hours of literature survey chosen from <a href="#">Engl 221</a> , <a href="#">Engl 222</a> , <a href="#">Engl 223</a> , <a href="#">Engl 224</a> , <a href="#">Engl 225</a> , or <a href="#">Engl 226</a> .
8 hrs lab science	8	Complete 8 hours of laboratory science chosen from the following: <a href="#">CHEM 105</a> , <a href="#">106</a> , <a href="#">115</a> , <a href="#">116</a> ; <a href="#">PHYS 211</a> , <a href="#">212</a> , <a href="#">221</a> , <a href="#">222</a> ; or <a href="#">BISC 160</a> , <a href="#">161</a> , <a href="#">162</a> , <a href="#">163</a> .

### Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Csci 111</a>	3	Complete <a href="#">Csci 111</a> with a passing grade.
<a href="#">Csci 112</a>	3	Complete <a href="#">Csci 112</a> with a passing grade.
<a href="#">Csci 211</a>	3	Complete <a href="#">Csci 211</a> with a passing grade.
<a href="#">Csci 300</a>	1	Complete <a href="#">Csci 300</a> with a passing grade.
<a href="#">Csci 223</a>	3	Complete <a href="#">Csci 223</a> with a passing grade.
<a href="#">Csci 311</a>	3	Complete <a href="#">Csci 311</a> with a passing grade.
<a href="#">Csci 387</a>	3	Complete <a href="#">Csci 387</a> with passing grade
<a href="#">Csci 423</a>	3	Complete <a href="#">Csci 423</a> with a passing grade.
<a href="#">Csci 433</a>	3	Complete <a href="#">Csci 433</a> with a passing grade.
<a href="#">Csci 450</a>	3	Complete <a href="#">Csci 450</a> with a passing grade.
<a href="#">Csci 487</a>	3	Complete <a href="#">Csci 487</a> with a passing grade.
15 hrs 300+ level CSci electives	15	Complete 15 hours of computer science electives chosen from computer science courses at the 300 level and above.
School of Engineering GPA		Must be at least a 2.0.



## Major Requirements II

REQUIREMENT	HOURS	DESCRIPTION
6 hrs Add'l science elective	6	Complete 6 credit hours of additional science electives chosen from the following Astro 103, 104- <a href="#">Chem 221</a> , <a href="#">222</a> - <a href="#">Geol 101</a> , <a href="#">102</a> , <a href="#">103</a> , <a href="#">104</a> , <a href="#">105</a> , <a href="#">107</a> and <a href="#">120</a> (not both 101 and 104)- Bio, Chem, Phys & <a href="#">Geo 300+</a> and any of our Lab Science not already taken.
<a href="#">E I E 235</a>	3	Complete <a href="#">E I E 235</a> with a passing grade.
<a href="#">E I E 236</a>	1	Complete <a href="#">E I E 236</a> with a passing grade.
<a href="#">Math 263</a> or <a href="#">319</a>	3	Complete either <a href="#">Math 263</a> or <a href="#">Math 319</a> .
<a href="#">Math 301</a>	3	Complete <a href="#">Math 301</a> with a passing grade.
<a href="#">Math 302</a> or <a href="#">401</a>	3	Complete <a href="#">Math 302</a> or <a href="#">Math 401</a> with a passing grade.
<a href="#">Math 375</a>	3	Complete <a href="#">Math 375</a> with a passing grade.

## Non-minor requirements

REQUIREMENT	HOURS	DESCRIPTION
18 hrs tech elective or minor	18	Complete either 18 hours of course work for an approved minor or other technical electives chosen in consultation with the academic advisor.

## Emphasis - Data Science

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">CSci 343</a>	3	Complete <a href="#">CSci 343</a> with a grade of C- or better.
<a href="#">CSci 443</a>	3	Complete <a href="#">CSci 443</a> with a grade of C- or better.
<a href="#">CSci 475</a>	3	Complete <a href="#">CSci 475</a> with a grade of C- or better.
6 add'l hrs of Data Science	6	Complete 6 add'l hours of data science courses chosen from: <a href="#">CSci 345</a> , <a href="#">444</a> , <a href="#">492</a> , <a href="#">517</a> , or <a href="#">CSci 543</a> with a grade of C- or better.

## Emphasis - Computer Security

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">CSci 325</a>	3	Complete <a href="#">CSci 325</a> with a grade of C- or better.
<a href="#">CSci 361</a>	3	Complete <a href="#">CSci 361</a> with a grade of C- or better.
<a href="#">CSci 426</a>	3	Complete <a href="#">CSci 426</a> with a grade of C- or better.
<a href="#">CSci 427</a>	3	Complete <a href="#">CSci 427</a> with a grade of C- or better.
3 add'l hrs of Computer Security	3	Complete 3 add'l hours of computer security courses with a grade of C- or better chosen from: <a href="#">CSci 323</a> , <a href="#">475</a> , <a href="#">491</a> , <a href="#">523</a> or <a href="#">CSci 561</a> .

