

# B.S.D.S. in Data 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.

### 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 literature survey	3	Complete 3 hours of literature survey chosen from <a href="#">Engl 220</a> , <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> .
<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.
6 hrs social science	6	Complete 6 hours of social sciences choosing from the following; economics, anthropology, political science, psychology, and sociology.
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 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 FA/Lang/Hum	3	Successfully complete 3 hrs of Fine Arts, Humanities, or Modern language with a passing grade. Modern Language include courses in courses in Ancient Greek (Gr), Arabic (Arab) nd Swahili (Swa). (Japn), Korean (Kor), Latin (Lat), Portuguese (Port), Russian (Russ), Spanish

### General Education II

REQUIREMENT	HOURS	DESCRIPTION
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> .
<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.

### Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">CSci 111</a>	3	Complete <a href="#">Csci 111</a> with a passing grade.
<a href="#">CSci 223</a>	3	Complete <a href="#">CSci 223</a> with a passing grade.
<a href="#">CSci 256</a>	3	Complete <a href="#">CSci 256</a> with a passing grade.
<a href="#">CSci 300</a>	3	Complete <a href="#">CSci 300</a> with a passing grade.
<a href="#">CSci 325</a>	3	Complete <a href="#">CSci 325</a> with a passing grade.
<a href="#">CSci 343</a>	3	Complete <a href="#">CSci 343</a> with a passing grade.
<a href="#">CSci 356</a>	3	Complete <a href="#">CSci 356</a> with a passing grade.
<a href="#">CSci 433</a>	3	Complete <a href="#">CSci 433</a> with a passing grade.
<a href="#">CSci 443</a>	3	Complete <a href="#">CSci 443</a> with a passing grade.
<a href="#">CSci 444</a>	3	Complete <a href="#">CSci 444</a> with a passing grade.
<a href="#">CSci 475</a>	3	Complete <a href="#">CSci 475</a> with a passing grade.
<a href="#">CSci 487</a>	3	Complete <a href="#">CSci 487</a> with a passing grade.
6 hrs CS electives	6	Complete 6 hrs of electives with a passing grade chosen from <a href="#">CSci 345</a> , <a href="#">492</a> , <a href="#">517</a> , or <a href="#">CSci 547</a> .



REQUIREMENT	HOURS	DESCRIPTION
9 add'l hours CS elect 300+	9	Complete an additional 9 hrs of CSci electives at the 300+ level with a passing grade.
School of Engineering GPA		GPA must be 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="#">MATH 301</a>	3	Complete <a href="#">Math 301</a> with a passing grade.
<a href="#">Math 319</a>	3	Complete <a href="#">Math 319</a> with a passing grade.
<a href="#">Math 375</a>	3	Complete <a href="#">Math 375</a> with a passing grade.
<a href="#">Math 380</a>	3	Complete <a href="#">Math 380</a> with a passing grade.

