

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 Hon 101 , Writ 100 or Writ 101 with a passing grade. |
| First Year Writing II | 3 | Complete one of the following courses with a passing grade: Liba 102 , Writ 102 or Hon 102 . |
| 3 hrs literature survey | 3 | Complete 3 hours of literature survey chosen from Engl 220 , Engl 221 , Engl 222 , Engl 223 , Engl 224 , Engl 225 , or Engl 226 . |
| Spch 102 or 105 | 3 | Complete Spch 102 or Spch 105 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 (Aas 201 , 202), classics (Clc), environmental studies (Envs 101), gender studies (G St 201 , 202), history (Hst), liberal arts (Liba 202 , 305 , 312), literature (Eng 103 , 220-226), philosophy (Phil), religion (Rel), Southern studies 100-level, and either Hon 101 or 102 (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); Liba 130 , 204 , 314 ; Mus 101 , 102 , 103 , 104 , 105 ; Danc 200 ; Thea 201 , 202 . |
| 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: CHEM 105 , 106 , 115 , 116 ; PHYS 211 , 212 , 221 , 222 ; or BISC 160 , 161 , 162 , 163 . |
| Math 261 | 3 | Complete Math 261 with a passing grade. |
| Math 262 | 3 | Complete Math 262 with a passing grade. |

Major Requirements

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



| 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- Chem 221 , 222 - Geol 101 , 102 , 103 , 104 , 105 , 107 and 120 (not both 101 and 104)- Bio, Chem, Phys & Geo 300+ and any of our Lab Science not already taken. |
| MATH 301 | 3 | Complete Math 301 with a passing grade. |
| Math 319 | 3 | Complete Math 319 with a passing grade. |
| Math 375 | 3 | Complete Math 375 with a passing grade. |
| Math 380 | 3 | Complete Math 380 with a passing grade. |

