

B.S. Data Science and Data Analytics (DSDA)

Emphasis: **Data Analytics**

Domain: Geospatial Technology

8 Semester Degree Plan

2025 - 2026

120 Total Hours

Semester 1 Fall		Semester 2 Spring		Semester 3 Fall		Semester 4 Spring		Semester 5 Fall		Semester 6 Spring		Semester 7 Fall		Semester 8 Spring	
CS 1093 <u>OR</u> MATH 1093 <u>OR</u> First Year Making Connections aligned to Domain Study	3	COMS 1203: Oral Comm	3	CS 1114: Concepts of Programming	4	DATA 2004: Programming for Data Analysis	4	DATA 3003: Applied Database and Data Mining	3	GIS 4733: Remote Sensing	3	DATA 3023: Data Visualization and Communication	3	DATA 303V: Internship	1- 3
MATH 1023 <u>OR</u> MATH course that requires MATH 1023 as prereq	3	MATH 2143 <u>OR</u> MATH 2194 <u>OR</u> MATH 2204*	3- 4	CS 1013: Introduction to Computers	3	GIS 3543: Fundamentals of GIS/GPS	3	AGEC 4253 <u>OR</u> POSC 3003 <u>OR</u> STAT 4483*	3	AGRI 4223: Agriculture and the Environment	3	DATA 4003: Fundamental Concepts in Design of Experiments	3	DATA 4013: Data Science and Data Analytics Capstone	3
ENG 1003: Composition I	3	ENG 1013: Composition II	3	GIS 3503: Geospatial Data Applications	3	STAT 3233: Applied Statistics I	3	STAT 3133: Applied Categorical Data Analysis	3	STAT 3243: Regression Analysis and ANOVA	3	DATA 3011: Seminar	1	PHIL 3723: Computers, Ethics, and Society	3
Gen Ed Life Science	3	PHIL 1103: Intro to Philosophy	3	Gen Ed Physical Science	4	MUS 2503 <u>OR</u> THEA 2503 <u>OR</u> ART 2503	3	GIS 4511: Unmanned Aircraft Systems	1	GEOG 4113 (spring even) <u>OR</u> GEOG 4613 (spring, odd)	3	GIS 4503 <u>OR</u> GIS 489V <u>OR</u> GEOG 4813 (irregular)	3	GEOG 4113 (spring, even) <u>OR</u> GEOG 4613 (spring, odd)	3
Gen Ed Life Science Lab	1	GEOG 2613: Introduction to Geography	3			Gen Ed Social Science	3	GIS 4543: Understanding Geographic Information Systems	3	AGEC 4253 (spring, even) <u>OR</u> GEOG 4643 (summer)	3	GIS 4503 <u>OR</u> GIS 489V <u>OR</u> GEOG 4813 (irregular)	3	* may not meet prereq	
Gen Ed Social Science	3							GEOG 3723 (fall, odd) <u>OR</u> GEOG 4633 (fall, even)	3			GEOG 3723 (fall, odd) <u>OR</u> GEOG 4633 (fall, even)	3		
Credit Hours: 16	Credit Hours: 15-16		Credit Hours: 14		Credit Hours: 16		Credit Hours: 16		Credit Hours: 15		Credit Hours: 16		Credit Hours: 10-12		

Making Connections (3)	General Education (35)	Required General Education	Program Core (37)	Emphasis Area (12-13)	Domain Study (31)
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