

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

Emphasis: **Data Science**

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	
Making Connections aligned to DOMAIN	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	CS 4623: Fundamentals of Data Science	3	DATA 3023: Data Visualization and Communication	3	DATA 303V: Internship	1-3
MATH 1023: College Algebra	3	MATH 1054: Precalculus	4	MATH 2204: Calculus I	4	MATH 2214: Calculus II	4	MATH 2183: Discrete Structures	3	MATH 3243: Linear Algebra (spring only)	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 and Lab	4	GIS 3543: Fundamentals of GIS/GPS	3	GIS 4511: Unmanned Aircraft Systems	1	GIS 4773: Remote Sensing	3	GEOG 3723 (fall, odd) OR GEOG 4633 (fall, even)	3	AGRI 4223 OR AGECE 4253 (spring, even) OR GEOG 4113 (spring, even) OR GEOG 4613 (spring, odd) OR GEOG 4643 (summer) OR GIS 489V OR GEOG 4813 (irregular)	3
Gen Ed Life Science Lab	1	GEOG 2613: Introduction to Geography	3	MUS 2503 OR THEA 2503 OR ART 2503	3	Gen Ed Social Science	3	GIS 4543: Understanding Geographic Information Systems	3	AGRI 4223 OR AGECE 4253 (spring, even) OR GEOG 4113 (spring, even) OR GEOG 4613 (spring, odd) OR GEOG 4643 (summer) OR GIS 489V OR GEOG 4813 (irregular)	3	GIS 4503 OR GIS 489V OR GEOG 4813 (irregular)	3		
Gen Ed Social Science	3							Approved CS elective to replace CSED 4231, CSED 4241, and CSED 4731	3						
Credit Hours: 16		Credit Hours: 16		Credit Hours: 18		Credit Hours: 17		Credit Hours: 16		Credit Hours: 15		Credit Hours: 13		Credit Hours: 10-12	

Making Connections (3)	General Education (35)	Required General Education	Program Core (37)	Emphasis Area (24)	Domain Study (22)
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