

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

Emphasis: **Data Analytics**

Domain: Business

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 OR MATH 1093 OR First Year Making Connections aligned to Domain Study	COMS 1203: Oral Comm	CS 1114: Concepts of Programming	DATA 2004: Programming for Data Analysis	DATA 3003: Applied Database and Data Mining	EGRM 3013: Project Management and Practice	DATA 3023: Data Visualization and Communication	DATA 303V: Internship
MATH 1023 OR MATH course that requires MATH 1023 as prereq	MATH 2143 OR MATH 2194 OR MATH 2204*	CS 1013: Introduction to Computers	GIS 3543: Fundamentals of GIS/GPS	AGEC 4253 OR POSC 3003 OR STAT 4483*	ISBA 3413: Big Data for Business	DATA 4003: Fundamental Concepts in Design of Experiments	DATA 4013: Data Science and Data Analytics Capstone
ENG 1003: Composition I	ENG 1013: Composition II	GIS 3503: Geospatial Data Applications	STAT 3233: Applied Statistics I	STAT 3133: Applied Categorical Data Analysis	STAT 3243: Regression Analysis and ANOVA	DATA 3011: Seminar	PHIL 3723: Computers, Ethics, and Society
Gen Ed Life Science	PHIL 1103: Intro to Philosophy	Gen Ed Physical Science	MUS 2503 OR THEA 2503 OR ART 2503	ECON 2333: Economic Issues and Concepts	ISBA 3423: Data Visualization for Business	ISBA 3663 (fall, odd) OR FIN 3713	STAT 4473: Applied Statistics II
Gen Ed Life Science Lab	Gen Ed Social Science	ACCT 2023: Fundamental Accounting Concepts	Gen Ed Social Science	ISBA 3663 (fall, odd) OR FIN 3713	MGMT 3123 OR MKTG 3013	FIN 3723 OR MKTG 4213	MGMT 3123 OR MKTG 3013
Gen Ed Social Science							* may not meet prereq
Credit Hours: 16	Credit Hours: 15-16	Credit Hours: 17	Credit Hours: 16	Credit Hours: 15	Credit Hours: 15	Credit Hours: 13	Credit Hours: 13-15

Making Connections (3)	General Education (35)	Required General Education	Program Core (37)	Emphasis Area (12-13)	Domain Study (33)
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