

B.S. DATA SCIENCE 2026-27 [Transfer]

YEAR 1		YEAR 2		YEAR 3		MINOR?	
Fall (16 cr)	Spring (16 cr)	Fall (18 cr)	Spring (18 cr)	Fall (16 cr)	Spring (16 cr)		
CDS DS 110 Intro. Data Science with Python 4 QR1 TWC	CDS DS 210 Programming for Data Science 4 QR2 DME CRI	CDS DS 310 Data Mechanics 4 QR2 CRT	CDS DS 320 Algorithms 4 QR2 CRT	CDS DS 340 Introduction to Machine Learning & Artificial Intelligence 4 QR2 ETR CRT	CDS DS 5** Data Science Capstone with  OR CDS DS 490 Directed Study 4 VARIES	Minor Exploration 4 VARIES	Minor Exploration 4 VARIES
CDS DS 120 Foundations of Data Science I 4 QR1	CDS DS 121 Foundations of Data Science II 4 QR1 DME CRT	<i>Prerequisite: DS120</i> CDS DS 122 Foundations of Data Science II 4 QR2 CRT	 DS Ethics Requirement 4 VARIES	DS Elective 4 VARIES		Minor Exploration 4 VARIES	Minor Exploration 4 VARIES
HUB 4	CAS MA214 Applied Statistics 4 QR2 TWC CRT	DS Elective 4 VARIES	CDS DS 2**  VARIES 2	DS Elective 4 VARIES	DS Elective 4 VARIES	Minor Exploration 4 VARIES	Minor Exploration 4 VARIES
HUB 4	HUB 4	CDS DS 2**  VARIES 2	HUB 4	HUB 4	HUB 4	If you are almost done with or already have your Hub units completed, CDS advising encourages you to pursue a minor. Minors as a Data Science major can... - Help you reach 16 credit hours and keep a 3-year pace without further increasing the rigor and time dedication this plan already requires - Explore data-rich domains you may be interested in working within to help solidify your goals or discover something new - Gain breadth and depth in a domain to enter the field with a solid foundation for your future stakeholders	
		HUB 4	HUB 4		HUB 4		
DS Elective Requirements - choose your own adventure!				Flowchart Key			
Methodology Choose this if you want to take a deeper dive and focus on specific concepts to build an advanced skillset for your goals after graduation		In-the-Field Choose this if you want to develop data science competencies specific to an industry in which you are pursuing after graduation					

* DS Ethics Requirement - Choose between DS480 (FALL AND SPRING) OR DS381 (FALL ONLY)

A minimum letter grade of C must be earned to satisfy DS program requirements

Total Required Credit Hours: 128
CDS Residence Requirement: 64+ credit hours

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