

B.S. DATA SCIENCE 2025-26

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
Fall (17 cr)	Spring (18 cr)	Fall (16 cr)	Spring (16 cr)	Fall (16 cr)	Spring (16 cr)	Fall (18cr)	Spring (16 cr)
CDS DS 110 Intro. Data Science with Python 4 QR1 TWC	CDS DS 210 Programming for Data Science 4 QR2 DME CRT	<i>Prerequisite: DS210</i> CDS DS 310 Data Mechanics 4 QR2 CRT	<i>Prerequisites: DS210 and DS121</i> CDS DS 320 Algorithms 4 QR2 CRT	<i>Prerequisites: DS320 and DS122</i> CDS DS 340 Introduction to Machine Learning & Artificial Intelligence 4 QR2 ETR CRT	DS Ethics Requirement 4 VARIES	DS Elective 4 VARIES	CDS DS 5** Data Science Capstone with SPARK! OR CDS DS 490 Directed Study 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 III 4 QR2 CRT	CDS DS *** TBD Statistics 4 TBD TBD	DS Elective 4 VARIES	DS Elective 4 VARIES	DS Elective 4 VARIES	
CAS WR 120 Intermediate Writing (WR2) OR CAS WR 1** WR Placement Results (VARIES) 4	CDS DS 2** SPARK! 2 VARIES	HUB 4	HUB 4	HUB 4	HUB 4	CDS DS 2** SPARK! 2 VARIES	HUB 4
	HUB 4	HUB 4	Minor Exploration 4	Minor Exploration 4	Minor Exploration 4	HUB 4	Minor Exploration 4
HUB 4	HUB 4	DS Elective Requirements - choose your own adventure! 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 completing your degree				HUB 4	Minor Exploration 4
CDS DS 109 First Year Seminar 1							

Flowchart Key



* In Development - CAS MA214 (QR2 | CRT | TWC) accepted in the interim

* DS Ethics Requirement - Choose between DS380 (SPRING ONLY) OR DS381 (FALL ONLY)

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