





B.S. DATA SCIENCE 2024-25 [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	<i>Prerequisites: DS210 and DS121</i> 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	[^] CDS DS *** TBD Statistics 4 TBD TBD	DS Elective 4 VARIES	CDS DS 2**  2 VARIES	DS Elective 4 VARIES	DS Elective 4 VARIES	Minor Exploration 4 VARIES	Minor Exploration 4 VARIES
HUB 4	HUB 4	CDS DS 2**  2 VARIES	HUB 4	HUB 4	HUB 4		
		HUB 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 graduation		Flowchart Key 			

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



[^] In Development - CAS MA214 (QR2 | CRT | TWC) accepted in the interim

* DS Ethics Requirement - Choose between DS380 OR DS381