





B.S. DATA SCIENCE 2023-24 [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)		
<div>CDS DS 110</div> <div>Intro. Data Science with Python</div> <div>4</div> <div>QR1 TWC</div>	<div>CDS DS 210</div> <div>Programming for Data Science</div> <div>4</div> <div>QR2 DME CRI</div>	<div>CDS DS 310</div> <div>Data Mechanics</div> <div>4</div> <div>QR2 CRT</div>	<div>Prerequisites: DS210 and DS121</div> <div>CDS DS 320</div> <div>Algorithms</div> <div>4</div> <div>QR2 CRT</div>	<div>CDS DS 340</div> <div>Introduction to Machine Learning & Artificial Intelligence</div> <div>4</div> <div>QR2 ETR CRT</div>	<div>CDS DS 5**</div> <div>Data Science Capstone with</div> <div></div> <div>OR</div> <div>CDS DS 490</div> <div>Directed Study</div> <div>4</div> <div>VARIES</div>	<div>Minor Exploration</div> <div>4</div> <div>VARIES</div>	<div>Minor Exploration</div> <div>4</div> <div>VARIES</div>
<div>CDS DS 120</div> <div>Foundations of Data Science I</div> <div>4</div> <div>QR1</div>	<div>CDS DS 121</div> <div>Foundations of Data Science II</div> <div>4</div> <div>QR1 DME CRT</div>	<div>Prerequisite: DS120</div> <div>CDS DS 122</div> <div>Foundations of Data Science II</div> <div>4</div> <div>QR2 CRT</div>	<div> DS Ethics Requirement</div> <div>4</div> <div>VARIES</div>	<div>DS Elective</div> <div>4</div> <div>VARIES</div>		<div>Minor Exploration</div> <div>4</div> <div>VARIES</div>	<div>Minor Exploration</div> <div>4</div> <div>VARIES</div>
<div>HUB</div> <div>4</div>	<div>^CDS DS ***</div> <div>TBD Statistics</div> <div>4</div> <div>TBD TBD</div>	<div>DS Elective</div> <div>4</div> <div>VARIES</div>	<div>CDS DS 2**</div> <div></div> <div>2</div> <div>VARIES</div>	<div>DS Elective</div> <div>4</div> <div>VARIES</div>	<div>DS Elective</div> <div>4</div> <div>VARIES</div>	<div>Minor Exploration</div> <div>4</div> <div>VARIES</div>	<div>Minor Exploration</div> <div>4</div> <div>VARIES</div>
<div>HUB</div> <div>4</div>	<div>HUB</div> <div>4</div>	<div>CDS DS 2**</div> <div></div> <div>2</div> <div>VARIES</div>	<div>HUB</div> <div>4</div>	<div>HUB</div> <div>4</div>	<div>HUB</div> <div>4</div>	<div>If you are almost done with or already have your Hub units completed, CDS advising encourages you to pursue a minor.</div> <div>Minors as a Data Science major can...</div> <ul style="list-style-type: none">Help you reach 16 credit hours and keep a 3-year pace without further increasing the rigor and time dedication this plan already requiresExplore data-rich domains you may be interested in working within to help solidify your goals or discover something newGain breadth and depth in a domain to enter the field with a solid foundation for your future stakeholders	
		<div>HUB</div> <div>4</div>	<div>HUB</div> <div>4</div>		<div>HUB</div> <div>4</div>		
<div>DS Elective Requirements - choose your own adventure!</div> <div><div>Methodology</div><div>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</div></div> <div><div>In-the-Field</div><div>Choose this if you want to develop data science competencies specific to an industry in which you are pursuing after graduation</div></div>				<div>Flowchart Key</div> <div><div>COURSE NUMBER</div><div>Course Title</div><div>Credits</div><div>Hub(s)</div></div> <div>Sequence</div>			

BOSTON UNIVERSITY

^ In Development - CAS MA213 (QR2 | CRT | TWC) OR CAS MA214 (QR2 | CRT | TWC) accepted in the interim

* DS Ethics Requirement - Choose between DS380 OR DS381

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