

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

YEAR 1		YEAR 2		YEAR 3		MINOR?	
Fall (16 cr)	Spring (18 cr)	Fall (18 cr)	Spring (16 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 CRT	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	CAS MA214 Applied Statistics 4 QR2 TWC CRT	DS Elective 4 VARIES	DS Elective 4 VARIES		Minor Exploration 4 VARIES	Minor Exploration 4 VARIES
HUB 4	Prerequisites: DS120 CDS DS 122 Foundations of Data Science III 4 QR2 CRT	 DS Ethics Requirement 4 VARIES	HUB 4	DS Elective 4 VARIES	DS Elective 4 VARIES	Minor Exploration 4 VARIES	Minor Exploration 4 VARIES
HUB 4	CDS DS 2**  2 VARIES	CDS DS 2**  2 VARIES	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 solidfy 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! 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 COURSE NUMBER Course Title Corequisites Sequence Credits Hub(s)			
BOSTON UNIVERSITY							

* 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

