B.S. DATA SCIENCE 2022-23 [Transfer]

	YEAR 1		YEAR 2		YEAR 3		MINOR?
	Fall (16 cr)	*Spring* (16 cr)	*Fall* (16 cr)	*Spring* (16 cr)	*Fall* (16 cr)	*Spring* (16 cr)	

*** CDS DS 100
Data Speak Louder than Words
4   FA/SP

TWC
Hub Course
4   FA/SP/SU

DS Elective
4   FA/SP

DS Elective
4   FA/SP

DS Elective
4   FA/SP

CDS DS 380
Ethical & Social Implications
4   FA/SP

CDS DS 110
Intro. Data Science with Python
4   FA/SP

CDS DS 210
Programming for Data Science
4   FA/SP

CDS DS 310
Data Mechanics
4   FA/SP

CDS DS 320
Algorithms
4   FA/SP

CDS DS 340
Introduction to Machine Learning & Artificial Intelligence
4   FA/SP

CDS DS 5**
Data Science Capstone *with*

SPARK!

OR

CDS DS 490
Directed Study
4   FA/SP

Corequisites

CDS DS 120
Foundations of Data Science I
4   FA/SP

CDS DS 121
Foundations of Data Science II
4   FA/SP

CDS DS 122
Foundations of Data Science II
4   FA/SP

DS Elective
4   FA/SP

CAS WR 120
Intermediate Writing
4   FA/SP/SU

CAS MA 213
Basic Statistics and Probability
ideal for students with limited statistics experience

also accepted:

CAS MA 214
Applied Statistics
recommended for students with a 5 AP statistics score
4   FA/SP/SU

WIN
Hub course

or

WRI
Hub course
4   FA/SP/SU

ETR
Hub course

or

GCI
Hub course

or

IIC
Hub course
4   FA/SP/SU

AEX
Hub course

or

HCO
Hub course

or

PLM
Hub course
4   FA/SP/SU

CRI
Hub Course
4   FA/SP/SU

RIL
Hub Course
4   FA/SP/SU

SI1
Hub Course
4   FA/SP/SU

DS Elective Requirements - *choose your own adventure!*
You have the fundamentals down.
Now it's time to shape your education the way that is best for your goals within data science

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

Meet your academic advisor
Schedule an appointment

Lookng for Hub courses?
Find something interesting

MINOR?

Minor Exploration	Minor Exploration
4 FA/SP/SU	*4 FA/SP/SU*
Minor Exploration	Minor Exploration
4 FA/SP/SU	*4 FA/SP/SU*
Minor Exploration	Minor Exploration
4 FA/SP/SU	*4 FA/SP/SU*

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

BOSTON UNIVERSITY

*** *Students who do not complete DS100 must enroll in an additional 4 credits of CDS DS*

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