

DATA SCIENCE AS: 416

Total Credits: 60

(NEW SPRING 2022) Catalog Editions 21-22 through 23-24

Name:

Date:

ID #:

GENERAL EDUCATION: FOUNDATION COURSES	Course	Hours	Grade
English Foundation (ENGL 102 or ENGL 103, grade of C or better required to graduate)		3	
Math Foundation	MATH 150 or MATH 181	4	
GENERAL EDUCATION: DISTRIBUTION COURSES	Course	Hours	Grade
Arts Distribution (ARTD)			
Humanities Distribution (HUMD)	PHIL 140		
Behavioral & Social Sciences Distribution (BSSD)	PSYC 102/ PSYC 100	3	
Behavioral & Social Sciences Distribution (BSSD)	GEOG 130	3	
Natural Sciences Distribution with Lab (NSLD) **		4	
Natural Sciences Distribution with Lab (NSLD) **		4	
General Education Elective (GEEL)		3	
PROGRAM REQUIREMENTS	Course	Hours	Grade
ENGL 101 or ENGL 101A (if needed for ENGL102/103 or Program Elective)*		3	
	DATA 101	3	
	DATA 110	3	
	DATA 201	3	
	DATA 205	4	
	MATH 117 or MATH 217	3	
		4	
	PROGRAM ELECTIVE †		
	200 LEVEL PROGRAM ELECTIVE †	3	

Overall GPA of 2.0 is required to graduate

* ENGL 101/ENGL 101A, if needed for ENGL 102/ ENGL 103 or program elective.

Total Credits:

** Students are strongly encouraged to take two consecutive lab sciences courses. Examples include
CHEM 131/132, PSCI 101/102, PHYS 203/204.

[Data Science Website](#)

Last Reviewed: July 2024

‡ MATH 284 can be substituted for MATH 264

† Program Electives: **MATH 165, MATH 182, CMSC 140, CMSC 203, CMSC 206, GEOG 240, and GEOG 260.**

Department strongly recommends **CMSC 206 and GEOG 240**. CMSC 206 provides programming skills in Python; GEOG 240 provides foundational knowledge of Geographic Information Systems (GIS). Not all program elective options transfer to all institutions. Please consult a Data Science program advisor or the transfer institution before selecting program elective courses.

Advising Worksheet
Contact: [Anthony Solano](#)

See an [advisor](#) to submit an [Application for Graduation](#) the semester BEFORE you intend to graduate.

This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.