DATA SCIENCE AS: 416

Total Credits: 60
(NEW SPRING 2022) Catalog Editions 21-22 through 24-25

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

Total Credits: [ ]

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

** *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:* **any MATH or CMSC course or GEOG 240 or GEOG 260**.

Department strongly recommends **CMSC 206, CMSC 246, and GEOG 240**. *CMSC 206 and CMSC 246 provide programming skills in Python and SQL, and 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.