

Bachelor of Science
Major: Data Science
2022-2023 Sample Four Year Plan
Total Degree Requirements: 120 credits

Student _____ Student ID# _____ Student Phone # _____
 Advisor _____ Minimum GPA 2.00 Minor/Career Interest(s) _____

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the [Undergraduate Catalog](#).

First Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
SGR #6	Natural Sciences		3		
MATH 123	Calculus I (SGR #5)	p. Placement	4		
MATH 198	The Mathematics Profession		1	F	
SGR #4	Arts & Humanities/Diversity		4		
STAT 101	Introduction to Data Science		3	F	
Total Credit Hours			15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CSC 150 or INFO 101	Computer Science I or Introduction to Informatics		3		
ENGL 101	Composition I (SGR #1)		3		
MATH 125	Calculus II	p. MATH 123	4		
SGR #2	Oral Communication		3		
SGR #6	Natural Sciences		3		
Total Credit Hours			16		

Second Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ENGL 201 or ENGL 277	Composition II (SGR #1) or Technical Writing in Engineering (SGR #1)	p. ENGL 101	3		
MATH 225	Calculus III	p. MATH 125	4		
MATH 230	Sophomore Seminar	p. MATH 125	1	F	
STAT 415	R Programming	p. INFO 101 or CSC 150	3	F	
STAT 382	Probability and Statistics I	p. MATH 125	3	F	
Total Credit Hours			14		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
STAT 410	SAS Programming		3	S	
SGR #3	Social Sciences/Diversity		3		
STAT 482	Probability and Statistics II	p. MATH 125	3	S	
SGR #3	Social Science/Diversity		3		
SGR #4	Arts & Humanities/Diversity		3		
Total Credit Hours			15		

Third Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
MATH 250	Introduction to Linear Algebra and Proof	p. MATH 123	3		
Choose 2:			6		

Information Subject to Change. This is not a contract.

p. = Course Prerequisite
 Semester: F = Fall, S = Spring, SU = Summer

