

# Bachelor of Science in Data Science & Analytics



Updated 5/24/2023

Catalog Year: 2023

Total Degree Credit Hours: 120

## General Education Requirements (See Degreeworks for Prerequisites)

A-1	ENGL 1101 Composition I	3	
	ENGL 1102 Composition II	3	
A-2	MATH 1113		

	1107	or TPS	3	
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### Area C: Humanities, Fine Arts, and Ethics (6 cr hrs)

Choose one course from each area.

D-1	MATH 1190 Calculus I		4	
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### Area E: Social Sciences (12 credit hours)

Choose one course from each area for E-2, E-3, & E-4.

			3	
E-3	HIST 1100, 1111, or 1112 World History		3	
E-4	CRJU 1101, GEOG 1101, PSYC 1101, SOCI 1101, STS 1101, ANTH 1102, or ECON 2106		3	

CSE 1321/L, P, AMCID 207, 12BDC, Q301.8, 229.2, 264.721, 26.8795

## Area F Lower Division Major Requirements

### Prerequisites

STAT 1401 Elementary Statistics or STAT 2332 Probability & Data Analysis	None	3	
	MATH 1190		
CSE 1321/L Programming & Problem Solving I	Lecture & Lab must be taken concurrently	4	
MATH 2202 Calculus II	MATH 1190	4	
MATH 2345 Discrete Mathematics or CSE 2300 Discrete Structures for Computing	MATH 1113/1190	3	
	CSE 1321/L and MATH 1113/1190		

CSE 1321/L and CSE 1322/L must have a minimum grade of 'B.' All other courses must have minimum grade of 'C'.

\*Concurrent prerequisite

