

Bachelor of Arts in Data Science

New-Fall 2020

General Education Courses		Semester Hours
ACAD 101	Principles of the Learning Academy	1
Shared Skills and Proficiencies		
Writing and Critical Thinking		
WRIT 101, HMXP 102, CRTW 201	Composition; The Human Experience: Who Am I? Crit Reading, Thinking, & Writing	9
Oral Communication	Met in major with DSCI 402 (not approved for Oral yet)	0
Technology	Met in major with CSCI 207/327	0
Intensive Writing	Met in major with CSCI 327	0
Constitution Requirement	See approved list, p. 16; may be met by other req	0-3
Physical Activity	See approved list, p. 16	1
Thinking Critically Across Disciplines		
Global Perspectives	See approved list, p. 16	3
Historical Perspectives	See approved list, p. 16	3
Introducing Students to Broad Disciplinary Perspectives		
Social Science	See approved list, p. 16; must include 2 designators	6
Humanities and Arts	See approved list, p. 16; must include 2 designators	6
Quantitative Skills and Natural Science (3 courses)		
Quantitative Skills	Met in major with MATH 201 and 202	0
Natural Science	See approved list, p. 16; must include a lab science.	3-4
Subtotal		32-36
Requirements in the Major		50
MAED 200	Introduction to Mathematica	1
MATH 201*, 202	Calculus I, II	8
MATH 300	Linear Algebra	3
MATH 341	Statistical Methods	3
MATH 544	Regression Modeling	3
CSCI 207*, 208*	Intro to Comp Sci I & II	8
CSCI 210	Programming Tools	1
CSCI 271	Algorithm Analysis and Data Structures	4
CSCI 327	Social Implications of Computing	3
CSCI 355	Database Processing	3
DSCI 101	Data Science Seminar	1
DSCI 201	Introduction to Data Science	3
DSCI 401	Data Mining	3
DSCI 402	Data Science Capstone	3
DSCI elective above 299		3
Minor		15-24
Foreign Language Requirement		3-8†
General Electives		3-20
Total		120

†This requirement may be met by a satisfactory score on a recognized examination (such as CLEP) or by passing any foreign language course numbered 102 or any course with 102 as a prerequisite.

*A grade of C- or better required