Data Science Minor

2022 – 2023 Undergraduate Catalog

Required Courses			
\checkmark	Course Code & Name	Credits	Semester
	MATH 280 – Introductory Applied Statistics and Data	3	
	Analysis		
	DTSC 201 – Introduction to Data Analysis &	3	
	Visualization		
	DTSC 301 – Data Modeling, Wrangling, and Application	3	
Elective Courses			
Total Credits		18-21	

Elective options:

- Complete at least 1 of the following:
 - <u>COSC130</u> Introduction to Programming (3)
 - <u>COSC240</u> Computer Science I (4)
- Complete at least 1 of the following:
 - <u>COSC102</u> Foundations of Computer Science (4)
 - MATH315 Foundations of Mathematics (3)
 - <u>CHEM305</u> Research Methods in Chemistry (3)
 - <u>GEOG380</u> Research Methods in Geography (3)
- Complete at least 1 of the following:
 - <u>BIOL414</u> Quantitative Analysis of Vertebrate Populations (3)
 - <u>BIOL493</u> Advanced Biology Research (3)
 - <u>CHEM320</u> Quantitative Analytical Chemistry (4)
 - DTSC401 Data Privacy and Ethics in Data Science (3)
 - <u>GEOG275</u> Fundamentals of Geographic Data Handling (3)
 - IDIS350 Advanced FSU Colloquium (3) (If you select IDIS 350 to meet the requirements of this minor, you must select the topic "Communicating with Data.")
 - o MATH350 Linear Algebra I (3)
 - MATH470 Mathematical Models and Applications (3)
 - PHYS420 Introduction to Computational Physics (3)