

DATA SCIENCE, BS

Code	Title	Credits
Data Science Courses		
DATA 100	Introduction to Data Science	3
DATA 250	Computational Data Science	3
DATA 435	Predictive Analytics & Modeling	3
DATA 468	Big Data Analytics	3
DATA 495	Senior Capstone	2
Mathematics Courses		
MATH 150	Calculus I	5
MATH 151	Calculus II	4
MATH 200	Introduction to Statistics	3
MATH 202	Statistical Programming in R	1
MATH 320	Foundations of Mathematics	3
MATH 325	Combinatorics & Graph Theory	3
MATH 360	Linear Algebra	3
MATH 430	Probability & Statistics	3
Computer Science Courses		
COMP 165	Fundamentals of Programming	3
COMP 165L	Fundamentals of Programming Lab	1
COMP 368	Database Management Systems	3
COMP 428	Machine Learning	3
Additional Courses		
ANY XXX	Content Electives	6
ENG 360	Scientific & Technical Writing	3
Total Credits		58