

DATA ANALYTICS MINOR

The Data Analytics Minor consists of the following courses:

Code	Title	Credits
CS 190	Computer Science I	3
CS 303	Machine Learning	3
MATH 213	Probability and Statistics (GT-MA1)	3
or ECON 216	Statistics for Business and Economics	
MATH 260	Applied Linear Algebra	3
MATH 313	Statistical Modeling and Simulation	3
And six credits from the following, including at least 3 upper division:		6
BIOL 317	Genome Analysis (with laboratory)	
CS 195	Database Management Systems	
CS 220	Data Analytics	
CS 365	Big Data Analytics	
CS 440	Distributed Computing for Machine Learning and Data Analysis	
ECON 201	Macroeconomics (GT-SS1)	
or ECON 202	Microeconomics	
ECON 316	Econometrics	
ENVS 320	Quantitative Skills for Climate Action Planning	
GEOG 340	Intro Geographic Info Systems	
GEOG 460	Geospatial Analysis	
MATH 314	Applied Probability I	
MATH 317	Genome Analysis (with laboratory)	
MATH 360	Linear Algebra	
MATH 375	Numerical Methods	
MATH 414	Applied Probability II	
Total Credits		21