STATISTICS AND DATA SCIENCE MINOR

Minor in Statistics and Data Science Requirements

At least 24 semester hours including:

Code	Title	Semester Hours
MATH 131	Calculus I	4
MATH 205	Applied Statistics	4
MATH 251	Applied Linear Algebra	4
Select two of the following:		8
MATH 304	Multivariable Statistics	
MATH 361	Probability and Mathematical Statistics	
MATH 460	Advanced Topics in Probability	
MATH 470	Machine Learning	
MATH 480	Big Data Visualization	
MATH 504	Modern Computational Statistics	
MATH 540	Deep Learning	
Select one of the following:		4
MATH 304	Multivariable Statistics	
MATH 361	Probability and Mathematical Statistics	
MATH 460	Advanced Topics in Probability	
MATH 470	Machine Learning	
MATH 480	Big Data Visualization	
MATH 504	Modern Computational Statistics	
MATH 540	Deep Learning	
CMSI 3300	Artificial Intelligence	
CMSI 3422	Biological Databases	
ECON 5320	Advanced Econometrics	
POLS 4100	Advanced Empirical Methods	
PSYC 4045	Advanced Research Methods	
SOCL 3310	Demography and Population Analysis	
Total Semester Hours		**24**

Notes:

A cumulative grade point average of C (2.0) or better is required in the courses included in the Statistics and Data Science minor.

Applied Mathematics and Mathematics majors may earn a minor in Statistics and Data Science subject to the following requirements:

1. The student must fulfill all requirements of the Statistics and Data Science minor, and
2. The student must complete a minimum of two 4 unit courses of MATH courses for the Statistics and Data Science minor, at least one of which must be upper division, that are not counting towards any other program in which the student is enrolled.