Data Science

Requirements for the Minor in Data Science

The major requires successful completion of the following:

Code	Title	Semester Hours
Course Requirements		
STAT 100	Data Science and Citizenship	4
STAT 204	Elementary Statistics	4
or MATH 332	Mathematical Modeling	
CSCI 157	Introduction to Modeling and Programming	4
CSCI 284	Database Design with Web Applications	4
Select one of the following electives in statistics: [1]		4
STAT 214	Statistical Modeling	
STAT 302	Bayesian Statistics	
STAT 304	Experimental Design and Analysis	
STAT 306	Time Series	
STAT 336	Sports Analytics	
Select one of the following electives in computer science: [1]		4
CSCI 290	Data Mining	
CSCI 320	Data Structures and Algorithms	
CSCI 356	Artificial Intelligence	
Total Semester Hours		**24**

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Subject to department approval, one data-intensive course from outside the department may be substituted for either (but not both) of these elective requirements.