

# MINOR IN STATISTICS AND DATA SCIENCE

The Minor in Statistics and Data Science is designed to provide students with the knowledge, skills, and competencies to work in an increasingly data-driven world. Data science is a field of study that combines domain expertise, knowledge of mathematics and statistics, and programming skills to extract meaningful insights from data.

Students with the Minor in Statistics and Data Science may not also select the Minor in Statistical Methods.

Code	Title	Hours
<b>Minor in Statistics and Data Science</b>		
<b>Required Courses</b>		
STAT 3379 or STAT 3390	Statistical Methods in Practice Probability and Statistics for Sciences	3
STAT 3385	Statistical Methods for Data Science	3
STAT 4374	Regression Modeling & Analysis	3
STAT 4390	Introduction to Statistical Learning	3
<b>Prescribed Electives</b>		
Select two from the following:		6
STAT 3380	Statistical Design and Analysis of Experiments	
STAT 3381	Sample Survey Methods	
STAT 3382	Introduction to Statistical Computing	
STAT 4370	Special Topics in Statistics	
STAT 4371	Theory and Applications of Probability and Statistics I	
STAT 4372	Theory and Applications of Probability and Statistics II	
STAT 4373	Nonparametric Statistics	
STAT 4375	Quality Control & Reliability	
STAT 4376	Time Series and Forecasting	
STAT 4377	Introduction to Applied Bayesian Analysis	
<b>Total Hours</b>		<b>18</b>