

# MINOR IN APPLIED STATISTICS AND DATA SCIENCE (ASDS)

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The minor in Applied Statistics and Data Science is available to a student in any major. The six required courses are designed to develop students into critical consumers of data, who can work with data and present data in a way that tells a story, enabling effective decision-making and problem solving. Critical thinkers who can analyze data to help solve organizational problems are already in high demand and future growth is predicted to be robust.

Students who complete this minor will have a toolkit they can use in their daily lives, which can be applied to any field of study or career path.

The minor in Applied Statistics and Data Science requires six courses. Students are required to maintain a GPA of 2.00 or better for all courses used to fulfill the ASDS minor.

Code	Title	Credits
<b>DS 110</b>	<b>Introduction to Data Science</b>	<b>3</b>
<b>Foundational Mathematics</b>		<b>3-4</b>
MA 170	Probability and Data Analysis	3
or MA 140	Calculus of a Single Variable	
or MA 150	Calculus I	
<b>Introductory Statistics</b>		<b>3</b>
EC 272	Advanced Applied Statistics	3
or MA 206	Statistics for the Behavioral Sciences	
or MA 275	Biostatistics	
or MA 285	Applied Statistics	
or PS 200	Introduction to Statistics in Psychology	
<b>EC 365</b>	<b>Econometrics</b>	<b>3</b>
<b>Electives (take two courses from the following list)</b>		<b>6</b>
EC 366	Advanced Econometrics	3
DS 205	Data, Data Everywhere	
DS 206	Data Analytics Scenarios	
DS 230	Intermediate Special Topics	
DS 300	Tools for Data Science	
DS 310	Algorithms for Data Science	
DS 399	Applied Time Series Analysis and Forecasting	
CIS 255	Data Visualization	
BAN 300	Statistical Programming With R	
<b>Total Credits</b>		<b>18-19</b>