

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
DS 110	Introduction to Data Science	3
Foundational Mathematics		3-4
MA 170	Probability and Data Analysis	
	or MA 140 Calculus of a Single Variable	
	or MA 150 Calculus I	
Introductory Statistics		3
EC 272	Advanced Applied Statistics	
	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	
EC 365	Econometrics	3
Electives (take two courses from the following list)		6
EC 366	Advanced Econometrics	
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	
Total Credits		18-19