

# BUSINESS ANALYTICS AND DATA SCIENCE, MINOR

The minor in Business Analytics and Data Science offered by the School of Business gives students in any major the additional data analytics skills being demanded by employers in almost every field. The minor allows students to better pursue career opportunities in their respective majors and give them a leg up in the job market.

The minor in Business Analytics and Data Science program consists of four specialization courses (12 credits) and two minor elective courses (6 credits), for a total of 18 credits.

Code	Title	Credits
<b>Minor Requirements (12 credits)</b>		
FINC 305	Introduction to Data Science	3
FINC 405	Programming Basics for Business Analytics and Data Science	3
FINC 430	Principles of Machine Learning	3
FINC 403	Fundamentals of Data Visualization for Business Analytics and Data Sciences	3
<b>Select two electives from the following: (6 credits) <sup>1</sup></b>		
FINC 306	Statistical and Mathematical Foundations for Business Analytics and Data Science	3
FINC 410	Introduction to Forecasting Models and Experimental Design for Business Analytics and Data Science	3
FINC 415	Basics of Data Collection, Data Warehousing, and Data Cleansing	3
FINC 495	Capstone in Data Science	3
<b>Total Credits</b>		<b>18</b>

<sup>1</sup> Students complete two courses (6 credits) from among those listed. Other relevant courses may be proposed as minor electives in consultation with the student's advisor and subject to approval.

Upon completion of the Minor in Business Analytics and Data Science students will be able to:

- SLO1: Apply statistical analysis and machine learning techniques to build predictive models.
- SLO2: Explain and communicate the findings of the data analysis using visualization techniques and reports
- SLO3: Demonstrate ability to use large and diverse datasets and extract value from them to make data driven business decisions.