

BUSINESS ANALYTICS, M.S. (ONLINE)

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Overview

The Master of Science in Business Analytics (Online Program - OMSBA) is a cross-disciplinary, online STEM degree designed to provide graduates with the knowledge and skills to leverage analytics tools that assist businesses to overcome data-related challenges. This program has an intentional focus on ethical uses of data and analytical techniques that will benefit almost every sector of business, technology, health and medicine, public policy, and government.

Working professionals or full-time students can complete their MSBA Online in as little as one year with 36 credit hours. The MSBA Online offers the same acclaimed faculty and education as on campus experiences and provides multiple opportunities for students to immediately apply classroom material in real-world situations.

Admissions Requirements for the MS in Business Analytics - Online

Prerequisites for admission include:

- Minimum of 3 hours of statistics OR successful completion of designated statistics modules prior to course registration
- Introduction to Python Programming¹

¹ Applicants must possess a “working knowledge” of Python programming. This can come from classes taken while earning a degree or from practical work experience using Python. Additionally, students can enroll in a non-credit-bearing continuing education course or a professional development course. One such example would be Learning Python on LinkedIn.

Requirements for the MS with a Major in Business Analytics - Online

Code	Title	Hours
STA 5300	Statistical Methods	3
STA 5303	Applied Regression Analysis	3
STA 5320	Predictive Analytics	3
STA 5373	Computational Statistical Methods	3
STA 5384	Multivariate Statistical Methods	3
MIS 5394	Business Analytics Practicum	3
MIS 5322	Advanced Python for Analytics	3
MIS 5340	Database Management Systems	3
MIS 5342	Business Intelligence	3
MIS 5343	Seminar in Data Visualization	3
MIS 5390	Ethics in Data Analytics	3
MIS 5348	Cloud Computing	3
Total Hours		36