



EXPLORE AND ANALYZE DATA WITH BUSINESS ANALYTICS

Experts who can manage data are in demand in business, industry, and government. Propel your career by learning to access and manipulate data, and apply analytical techniques to extract information from data and use it to predict future trends and behavior patterns.

Complete this part-time program in just two semesters. All 12 credit hours are from the MS in Information Systems program and can be applied toward your MS in Information Systems degree in the future.

- Learn with hands-on assignments and projects building databases, manipulating data, and deriving the analysis you need.
- Explore the open-source statistical computing software R and learn how to compile information with many industry-specific add-ons. Implement R in your current job with no capital expenditure – with excellent results.
- Hone your statistical analysis skills including probability concepts, important distributions, descriptive statistics, graphical analysis, and inferential statistics.
- Discover applications you can implement in your business to make a difference today.
- Optimize your skills in data mining, including data exploration, data preparation, classification, regression, clustering and more.

ADMISSION REQUIREMENTS

- Graduate admissions application (available online)
- Official undergraduate/graduate transcripts
- Resumé
- Personal Statement

BUSINESS ANALYTICS PROFESSIONS

- Data Analyst
- Data Scientist
- Market Analyst
- Statistician
- E-Commerce Analyst
- Director of Research
- Project Manager
- Scientific Researcher
- Web Analyst
- Market Researcher

CURRICULUM

- MSIS 537 Data Management (3 CREDITS)
- MSIS 545 Introduction to Data Analysis & Computational Statistics (3 CREDITS)
- MSIS 637 Decision Support Systems (3 CREDITS)
- MSIS 645 Data Mining & Predictive Analytics (3 CREDITS)

FORMAT

- Students generally complete the certificate in two semesters.
- Courses are offered online or on campus.



UPCOMING EVENTS

The best way to find out about our programs is to attend an open house or virtual information session! Visit our website and RSVP.

CONTACT

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