



## GRADUATE DEGREE: DATA ANALYTICS (MS)



### Master of Science (M.S.) in Data Analytics

Today's executives can no longer afford to rely on instinct when making critical decisions. Increasingly, professional organizations are relying on Data Analytics (DA), Business Analytics (BA), and Business Intelligence (BI) to glean immeasurable value from organizational data, social networks, and "Big Data."

The M.S. in Data Analytics degree focuses on the collection, analysis, application, and management of data to make better decisions. According to the U.S. Bureau of Labor Statistics, the *Data Analyst* occupation will grow 19% from 2014 – 2024, which is *faster than average* growth ([www.bls.gov](http://www.bls.gov)).

### REQUIRED COURSES

- Intro to Data Analytics
- Data Warehousing
- Data Mining
- Computer Network Security
- Geographic Information Systems
- Database Management Systems
- DSS Analysis & Design

### ELECTIVE COURSES (SUGGESTED)

- Project Management in IS
- Management Information Systems
- Systems Analysis & Design
- Networks & Data Computing
- Corporate Systems Risk Mitigation
- Managing Intelligence Systems
- Knowledge Management
- Leadership Skills in IT Proj Mgt
- Managing SW Development in IT
- Proj Mgt for E-Business Applications
- Quality Issues in IT Proj Mgt
- Strategic Planning in IT Proj Mgt

### SAMPLE POSITIONS

- Data Analyst
- Business Analyst
- Data Scientist
- BI Consultant / Specialist
- BI Manager / Director
- BI Project Manager
- BI Architect
- Data Mining Architect
- BI Applications Specialist
- Data Warehouse Administrator

### FOR MORE INFORMATION

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