



GRADUATE DEGREE: HEALTHCARE ANALYTICS (MS)



Master of Science (M.S.) in Healthcare Analytics

The healthcare landscape across the United States is experiencing far-reaching changes in technology and legislation, requiring companies across the country to keep up with the nearly-constant change. According to the *U.S. Bureau of Labor Statistics*, Healthcare Data related occupations will grow by 20% by 2024 (www.bls.gov).

This degree program will meet growing industry needs. The program is offered in cooperation with the *School of Nursing and Health Sciences*, and is designed to give students a specialized education, with emphasis on databases, advanced reporting, project management, and experience in Healthcare leadership.

REQUIRED COURSES

- Intro to Data Analytics
- Data Integration for Analytics
- Data Mining / Predictive Analytics
- Computer Network Security
- Healthcare Policy, Law and Politics
- Executive Leadership in Healthcare
- Database Management Systems
- DSS Analysis & Design
- Managing Healthcare Info Systems
- Project Management

ELECTIVE COURSES (SUGGESTED)

- Management Information Systems
- Systems Analysis & Design
- Networks & Data Computing
- Corporate Systems Risk Mitigation
- 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

- Healthcare Administrator
- Health Service Manager
- Health Information Technician
- Data Analyst
- Business Analyst
- BI Project Manager
- BI Applications Specialist
- BI Manager / Director

FOR MORE INFORMATION

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