



Healthcare Analytics Management

COLLEGE OF BUSINESS ADMINISTRATION

Undergraduate Program

MINOR:

- Healthcare Analytics Management

NOTE: The minor is interdisciplinary and can be completed with any major. The only prerequisites are ECO 110, ENG 110 and STAT 145, which are all General Education courses. Admission to the College of Business Administration is not required. Certain electives may require additional prerequisites or permissions.

Sample Courses

IS 321: Survey of Information Technology in Healthcare

In this course essential information technologies in healthcare (HITs) will be surveyed. Many important healthcare information systems (HISs) are built upon three categories of HITs: data processing technologies, information reporting technologies, and decision supporting technologies. Specific subjects pertaining to these technologies will be identified and introduced.

ECO 350: Health Economics

Study of the use of resources in healthcare and the application of economic methods to issues of public health. Topics include organization of healthcare delivery, relationships between healthcare and health status, and the economic evaluation of healthcare services. The U.S. system is compared with those of other nations, focusing on the roles of the consumers and providers in healthcare markets, and on the roles of government in shaping demand, supply, and utilization.

MGT 402 Healthcare Analytics Management

This course is primarily concerned with the study of how data and analytics can improve overall performance of healthcare organizations. This course answers a fundamental question: How do some healthcare firms leverage data analytics and the accompanying technology to perform better than others? Students will explore multifunctional problems that confront top management and gain exposure to the current use of analytics in consumer driven healthcare, risk management, quality and safety, financial performance and reimbursement, health outcomes analysis, and healthcare value and costs.

Department Overview

The Healthcare Analytics Management Minor at UWL includes 21 credits of healthcare and analytics courses. Reflecting the broad and interdisciplinary nature of the healthcare industry, this minor draws on courses from all three colleges. The curriculum was developed under the guidance of an 18 member Executive Advisory Board, including senior leadership from Mayo Franciscan Skemp Healthcare and Gundersen Health System. The minor is designed to develop practical data analysis and critical thinking skills that are becoming core competencies in nearly all health related careers. Students will gain multiple perspectives on healthcare delivery and policy and will practice data analysis and communication skills through applied projects with industry partners. This minor is housed within the Management Department.

For more information, please contact:

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