
HEALTH INFORMATICS

Health Informatics

College of Science, Engineering and Technology

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The Health Informatics program prepares students to use Information Systems and Health Information Technology to design, evaluate, adopt, and apply technology-based innovations in healthcare delivery, management, and research.

The program's mission is to prepare students to effectively use health informatics and analytics to impact health, health promotion, healthcare delivery, and healthcare decision making by preparing professionals, analysts, and visionary future leaders who maximize inter-professional collaborations through data analysis, knowledge discovery, and dissemination of cutting edge innovations for the benefit of the individual, family, and business while promoting societal health outcomes. In support of this mission, the program is designed so that each student will be prepared to:

- Differentiate the roles and responsibilities of healthcare information and management systems and services within and across various healthcare organizations.
- Integrate professional leadership traits and communication techniques that foster collaborative discovery of advances in population health, experience of care, and cost management.
- Articulate roles of governmental, regulatory, professional, and accreditation agencies related to healthcare and their impact on clinical outcomes, and financial performance.
- Design structure for data capture and establish retrieval methods to create targeted results that can be applied to health-related questions.
- Interpret data related to health concerns, population health, and business metrics to retrieve results for targeted purposes that lead to cutting edge, real time information.
- Understand business needs, analyze opportunities for improvement, manage the selection and implementation of a project, review and assess the results.
- Evaluate impact on issues related to healthcare systems including satisfaction, engagement, quality of care, economics, access to care, business process improvement, predictability, process mapping, flow diagramming, and gap analysis.

Academic Map/Degree Plan at www.mnsu.edu/programs/#All