

# HEALTH INFORMATICS, M.S.

The Master of Science in Health informatics is an online graduate program that focuses on the storage, use, and analysis of healthcare data. Health informatics adapts theories and methods from various disciplines including computer science, information sciences, and healthcare. Professionals in Health Informatics design and use information systems and data to improve the quality, effectiveness and efficiency of patient care. Thus, these professionals must have knowledge of the processes and tools used to record, store and analyze healthcare data. Particularly, they must have a deep understanding of electronic health records, databases, data analytics, data standards, clinical vocabularies, system design/software development, and the healthcare system. The Health Informatics graduate program is structured as a flexible, distance learning, online program that accommodates working professionals to pursue an advanced degree in the healthcare field.

HIM 6532	Methods of Healthcare Monitoring, Evaluation, and Research	3
CIS 6208	IT Project Management	3
MGT 6355	Health Care Finance	3
<b>Total Credits</b>		<b>42</b>

## Contact Information

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## Learning Outcomes

Upon completion of the Master's degree in Health Informatics, the student will:

1. Create healthcare technologies, information systems, and processes to improve care
2. Assess data related to healthcare performance and research
3. Collaborate with others to meet the demands of key stakeholders
4. Develop communication skills necessary to engage in personal, professional, civic and social relationships

## Requirements

Students must achieve the following program requirements for all courses listed under "Program Required Courses" for the Masters in Health Informatics.

### Program Requirements

**Major Credits: 42**

**Minimum GPA: 3.0**

**Minimum Grade: C**

**Foundational course requirement: Inferential Statistics**

### Program Required Courses

Code	Title	Credits
HIF 6010	Foundations Health Informatics	3
HIF 6210	Health Information Technology in Practice	3
HIF 6220	Advanced Biostatistics and Health Analytics	3
HIF 6230	Human Factors and Usability Assessment	3
HIF 6240	Consumer Health Informatics	2
HIF 6511	Health Information Security Systems	3
HIF 6522	Seminar in Health Informatics	1
HIF 6534	Final Applied Research Project	3
HIF 6537	Systems Design and Software Development	3
HIM 6505	Database Methods Clin Info Mgt	3
HIM 6508	Healthcare Data Analytics	3
HIM 6509	Med Vocab & Classif Systems	3