

HEALTH INFORMATICS M.S.

The Health Informatics program prepares students to implement and utilize information technology to support any healthcare organization. Our students are guided by a philosophy of inquiry, insight, and innovation. Students will be challenged to think boldly and to seek out and answer difficult questions using healthcare data. The learning environment will prepare students for the challenges of a professional career in a healthcare setting. The program will help students to develop the competencies and acquire the practical tools to succeed in today's digital healthcare environment.

The M.S. in Health Informatics (MSHI) is an innovative 33 credit hour applied graduate degree program that addresses the intersection of healthcare and information technology to develop efficient systems and processes. Students are challenged to analyze health data across the continuum of healthcare delivery to improve patient care and advance individual and population health outcomes. The MSHI is designed for physicians, nurses, therapists, and information technology and health information technology professionals. The degree is also well suited for individuals with no prior healthcare or information technology experience. The MSHI program offers the ability for students to gain applied experience with clinical information technology systems. Students will gain over 50 hours of hands-on experience using clinical grade informatics technology in an educational setting.

Code	Title	Hours
MHI 560	Health Informatics	3
MHI 561	Digital and Connected Health	3
MHI 562	Database for Health Care	3
MHI 563	Data Analysis for Health Care	3
MHI 564	Privacy&Security: Health Care	3
MHI 565	Health Data Standards	3
HSV 550	Health Services Research	3
MHI 700	Health Informatics Capstone	3
or HAD 700	Health Administration Capstone	
Choose two of the following:		6
CSC 549	Computing Essentials	
CSC 611	Human Computer Interaction	
CSC 622	Advanced Database Concepts	
CSC 627	Introduction to Security	
DSS 630	Database Mgmt Theory & Pract	3
or MHI 562	Database for Health Care	
DSS 660	Introduction to Data Mining	
DSS 680	Predictive Analytics	
HAD 552	Health Administration	
HED 552	Epidemiology and Com Health	3
ODL 655	Org Culture Beyond Diversity	
DSS 670	Data Visual & Perf Analyt	
Total Hours		36