

CERTIFICATE IN HEALTH INFORMATICS

Overview

The Health Informatics track was designed for students in the Computer Science Information Systems (CSIS) interested in working in Health Care to earn a certificate which will help them gain employment in this field which has undergone significant advancement in recent years in the area of Health Information Systems. MHHS students will also have an opportunity to receive additional training in Computer Science Information Systems leading to a Health Informatics Certificate in addition to their MHHS Degree.

Admission Requirements

Admission to the MHHS program.

Certificate Requirements

COURSE	TITLE	S.H.
Complete 3 semesters of the following:		3
HHS 6949	Community Health Practice	
HHS 6953	Health Behavior	
HHS 6958	Health Services Issues	
HHS 6962	Health Care Reform	
Complete 9 semester hours of the following:		9
HHS 6930	Health Informatics	
or		
CSCI 6920	Theory and Practice of Information Systems	
HHS 6935	Clinical Informatics	
HHS 6945	Health Care System Analysis	
or		
CSCI 6951	Data Science and Machine Learning	
HHS 6955	Health Care Quality in the Electronic Health Record	
Complete 6 semester hours of the following:		6
HHS 6900	Special Topics	
HHS 6922	Planning and Fiscal Management	
HHS 6918	Program Planning and Evaluation	
CSCI 6901	Principles of Computer Programming	
or		
CSCI 6971	Cloud Computing and Big Data	

Learning Objectives

1. To prepare future health informatics leaders who understand the complex interplay among the health informatics stakeholder communities,
2. To enhance the ability to use the inter-relationships among health information technology, the healthcare delivery and regulatory processes, and information management,
3. To grow a set of leadership behaviors that emphasizes professional competence, moral and ethical performance,
4. To demonstrate professional and technical competence in health informatics,
5. To instill a dedication to the use of technology for the benefit of humanity,
6. To create a sensitivity to the impact that the use of technology has on the person, and
7. To build a desire for life-long professional learning and development in health informatics.