

# APPLIED HEALTH INFORMATICS (M.S.)

## Overview

As clinical and administrative decision-making in health care become increasingly data-driven, it's critical that the health care sector develop a workforce well-versed in both clinical and information sciences. The master of science in applied health informatics (AHI) is a 36-credit, 12-month graduate program, consisting of three core courses, five elective courses, and a capstone option, that produces graduates ready to rise to the challenge and meet these ever-growing technological needs in health care.

As a STEM-designated degree program, AHI offers transformative learning opportunities to a global cohort of physicians, nurses, PAs, pharmacists, clinic directors, public health workers, and those from other careers eager to move into this exciting field. Class cohorts are highly international, and composed of many who are working practitioners in the medical field (though a medical background is not a prerequisite). Courses are offered online, in-person, and as limited-term residencies (intensives where the entire course is taught in 1-2 weeks). All classes are offered both during the day and in the evenings to accommodate a multitude of work schedules.

## CIP Code

51.2706 - Medical Informatics.

You can use the CIP code to learn more about career paths associated with this field of study and, for international students, possible post-graduation visa extensions. Learn more about CIP codes and other information resources.

## Admissions

Other than a bachelor's degree with a minimum GPA of 3.0 (or equivalent) and working proficiency in the English language, the master of science in applied health informatics does not have any prerequisites. Academic performance, standardized test scores, where applicable (GRE, MCAT, GMAT, ESL, IELTS etc.), personal statements demonstrating the ability to effectively communicate technological concepts, and strong recommendations will provide the basis of the admissions committee's decision. The committee will also consider the nature and extent of previous work experience, including any health care experience. Candidates are not expected to know a programming language prior to applying.

## Requirements

The core requirements of the master of science in applied health informatics are designed to ensure that every graduate will have a grasp of the most important elements of health informatics and gain applied, hands-on experience through the practical exercises and assignments. Elective courses (particularly as the program grows) will allow each student to study subjects of interest in line with their existing experience and career aspirations.

Course	Title	Credits
HINF 6101	Concepts in Health Informatics	4
HINF 6103	Models for Clinical Information	4
HINF 6105	Electronic Health Records	4
<i>Five of the following courses:</i>		<i>20</i>
HINF 6111	The Business of Health Informatics	
HINF 6113	Engineering Clinical Information Systems	
HINF 6115	Healthcare Integration	
HINF 6117	Artificial Intelligence in Healthcare	
HINF 6119	Analysis and Reporting in Healthcare	
HINF 6300	Special Topics in Applied Health Informatics	
HINF 6497 or HINF 6498	Research Project/Thesis Applied Project	4
<b>Total Credits</b>		<b>36</b>