

HEALTH INFORMATION TECHNOLOGY

The Master of Science in Health Information Technology (HIT) is designed for professionals in either health or information technology who are seeking masters level specialization in information systems dedicated to healthcare. The degree emphasizes data management, financial systems, and information security as well as treatment progress, patient management and outcome measurement.

The program prepares graduates for mid-level positions in hospital information technology departments, community health care clinics' medical records departments, public health agencies, government health departments (federal, state and local), research departments for medical and health schools. The degree consists of 30 semester hours, available to both full and part-time students, and courses are scheduled during the late afternoon and evening sessions to accommodate the working professional. Summer course work is also available.

Admission Requirements & Application

Eligibility for regular admission includes:

- Completed application form
- Application fee
- Official transcript(s) from each college/university attended
- Completion of a bachelor's degree
- 3.0 (B) undergraduate/graduate grade point average or better
- Two letters of recommendation using required form
- Statement of purpose

Admission to this program is by cohort during the fall semester only. The application deadline is March 15th. The university's academic policies for graduate students (<http://catalog.umd.umich.edu/academic-policies-graduate/>) apply.

Program Requirements

Code	Title	Credit Hours
Core Coursework		
HHS 503	Medical Information Systems	3
HHS 570	Information Science and Ethics	3
HIT 500	Economics of Healthcare	3
HIT 510	Management of Healthcare Data	3
HIT 520	Clinical & Evidence Based Med	3
ISM 525	Computer and Info Systems	3
ISM 575	Information Management	3
ISM 641	Enterprise Architecture Netwrk	3
Electives		
Select six credit hours:		6
DS 520	Applied Statistical Modeling	
HHS 504	Financing Health & Medical Sys	
HHS 506	Program Planning, Implementation, and Evaluation	
HHS 510	Quantitative Research & Stats	
HHS 512	Principles of Epidemiology	
HHS 515	Healthcare Administration	

HHS 556	Health Care and the Law
HHS 690	Graduate Research
HHS 691	Topics in Health IT
HHS 692	Graduate Internship
ISM 642	Information Assurance
ISM 643	Info Tech Project & Chg Mgmt
ISM 644	IT Policy and Strategy
ISM 649	Business Intelligence
ISM 650	Information System Quality

Total Credit Hours **30**

Learning Goals

1. Demonstrate knowledge of the organization of the U.S. health service delivery system.
2. Understand major concepts of health care administration and financing.
3. Demonstrate understanding of the government organizations and policy processes involved in health policy.
4. Show knowledge of determinants of individual and population health and risk factors for illness, health behavior and its impact on the health care system.
5. Understand the ethical implications and resource distribution impacts of health policy.