UMBC
AN HONORS UNIVERSITY IN MARYLAND

HEALTH INFORMATION TECHNOLOGY
GRADUATE PROGRAM

UMBC's MPS in Health IT is an excellent choice for those who already have a degree in an **information technology or healthcare related** discipline as well as those whose career has taken them into the field of **healthcare information technology.** UMBC's MPS in Health Information Technology will leverage your experience towards a range of opportunities with the **healthcare technology** profession.

Becoming one of the fastest growing occupations, 16 of the top 30 growing careers are in healthcare. Health Information Technology has emerged as a critical domain of global competition that reaches across the social, economic and political realms of influence. The infusion of Information Technology within the Healthcare industry has led to significant advances in healthcare clinical practice and research.

Our offering include:

Master in Professional Studies:
HEALTH INFORMATION TECHNOLOGY

The M.P.S. is designed to prepare computer science, information systems, and other technology professionals to fulfill positions in the Healthcare field. Multidisciplinary coursework blends practical management oriented courses with more technically focused courses, allowing students to develop a formal graduate education program that best meets their individual career development needs, as well as to prepare health professionals to fulfill positions in healthcare technology management.

COSTS

Maryland Resident
Tuition per credit: $585 (plus mandatory fees)*

Non-Resident
Tuition per credit: $968 (plus mandatory fees)*

For more information on tuition and fees, please visit:
www.umbc.edu/sbs.

*For Academic Year 2015/2016

ADMISSION REQUIREMENTS

An undergraduate degree in Information Systems, Computer Engineering, Computer Science, Health Education, or a degree related to healthcare professional practice or healthcare management is recommended. However, degrees from other fields may be acceptable given relevant work experience in the healthcare operations field. The M.P.S program is best suited for applicants who have professional experience in the healthcare or technology fields.

Domestic Students:

- Applicants should have a minimum undergraduate GPA of 3.0 on 4.0 scale

- GRE scores are not required

International Students:

- Applicants should have a minimum undergraduate GPA of 3.0 on a 4.0 scale.

- Graduate Record Exams (GRE) scores with a minimum combined score of 306. Verbal Reasoning should be at least 153 and Analytical Writing at least 4.5. GRE scores are not required if your undergraduate degree was completed at an accredited U.S. university.

- Test of English as a Foreign Language (TOEFL) Scores: Minimum scores 597 (Written), 247 (computerized), 99 (Internet Based test-iBT). Scores must be less than 2 years old. iBT Scores Breakdown: Writing (23), Listening (23), Reading (25), Speaking (28, 23 acceptable if have 2 years' work experience in supervisory or management positions in the U.S.).

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Master in Professional Studies:
HEALTH INFORMATION TECHNOLOGY
(30 CREDITS)

The ten-course master's degree combines courses in healthcare strategy, policy, and management with more technical courses that allow students to build the necessary interdisciplinary background to tackle and solve Health IT implementation challenges encountered in real world.

Degree Requirements

Required Core Courses (18 credits)
- HIT 658 Health Informatics I
- HIT 759 Health Informatics II
- HIT 663 Health IT Policy & Administration
- HIT 664 Health IT Law & Ethics
- HIT 750 Data Analytics
- HIT 759 Health IT Project/Capstone

Elective Courses* (12 credits) Choose four, such as:
- HIT 640 Health IT Text Processing
- IS 610 Database Program Development
- ENMG 652 Management, Leadership and Communication
- HIT 674 Process & Quality Improvement with Health IT
- HIT 722 Exploration of Clinician Information Needs
- HIT 723 Public Health Informatics
- HIT 764 Health Information Privacy & Security
- HIT 751 Precision Medicine
- HIT 752 HIT Applications in Government and Industry

* Some electives may require academic or professional pre-requisites.

FACULTY & CURRICULUM

The courses are taught by instructors prominent in the Health IT industry as well as faculty in the Information Systems department. These members conduct cutting edge research in Health IT for some of Health IT's biggest government and commercial organizations. The program is infused with their unique combination of real-world experience in industry and research.

Guiding the evolution of the program is the UMBC Health IT Advisory Board consisting of leaders from some of the most successful organizations in Health IT. Their advice helps ensure the Health IT Program remains relevant to the needs of the industry.

WHY HEALTH INFORMATION TECHNOLOGY?

The integration of Information Technology within the Healthcare industry has accelerated in recent years because many of the most pressing economic and philosophic priorities in the United States, as well as many other parts of the world, include reducing healthcare costs, improving the quality of care, and obtaining better health outcomes. With its large population and dynamic health and health care environment, Baltimore-Washington is one of the most promising regions in the nation for graduate programs in the Health IT industry.

WHY UMBC?

- UMBC is uniquely positioned to provide education and training that respond to the state's need for qualified technical professionals in the field of healthcare.

- For four years running (2009-2012), UMBC was ranked #1 in the U.S. News and World Report's list of "national up-and-coming" universities.

- Employers in the Baltimore region exhibit greater growth in health informatics and health IT positions than employers nationally; the Baltimore region experienced a 44 percent increase in the total number of positions of health informatics and health IT positions from 2007-2012.

- Baltimore region employers exhibit great demand for graduates of applied, technical programs than for research-focused graduates.

- UMBC's Health IT program is sensitive to working professionals and work life balance by offering evening, weekend, hybrid course options.