APPLIED HEALTH SCIENCES INFORMATICS, MS

Online Program
This 15-36 month master’s degree program prepares students for informatics leadership positions in clinical, public health, and scientific settings. Using both CAHIIM and AMIA guidelines, we presume that the health sciences informatician should be capable of developing or leading innovative applications of information technology and information systems that address biological, clinical, or public health priorities.

Please note that this is a part time online program which can be completed in 15-36 months.

Students applying to the Online version of the degree should be aware of additional state-specific information for online programs (http://web.jhu.edu/administration/provost/programs_services/accreditation/state_authorization/) and Title IV Gainful Employment Disclosure. (http://dhsi.med.jhmi.edu/content/gainful-employment-disclosure/)

Onsite Program
This 12 month master’s degree program prepares students for informatics leadership positions in clinical, public health, and scientific settings. Using the informatics competency task force of the CDC, we presume that the health sciences informatician should be capable of developing or leading innovative applications of information technology and information systems that address biological, clinical, or public health priorities.

Please note that this is a full time campus-based program which must be completed in 12 months. For a part-time online version of this program see the details above.

Admission Requirements
Eligible students must:

- Hold a terminal degree (Master’s or Doctorate) in a relevant area of healthcare, or
- Hold a bachelor’s degree in a relevant area of study, plus 5 years of related work experience, or
- Hold a bachelor’s degree in a relevant area of study.

The Admissions Committee considers the undergraduate and/or graduate academic record, statement of purpose, professional experience, letters of recommendation, and overall motivation of the individual to pursue graduate studies. Target average GPA is 3.5 or above (on a 4.0 scale).

Relevant areas of study or employment include but are not limited to medicine, dentistry, veterinary science, nursing, ancillary therapies, librarianship, biomedical basic science, computer science, information science, business, and information technology. Those with non-healthcare educational backgrounds are expected to have worked in healthcare for a number of years. Preferred skills include demonstrated abilities in leadership and in organizational-level thinking.

Applications are made available online through Johns Hopkins School of Medicine's website (https://www.hopkinsmedicine.org/som/education-programs/graduate-programs/admissions/). Please track the receipt of all supporting materials through the SLATE application system.

Program Requirements
This program consists of 60 quarter course credits, made up of core courses, electives, and a Capstone. There is also an ethics requirement.

Core Curriculum
ME.250.953 Introduction to Public Health and Biomedical Informatics
ME.250.952 Leading Change Through Health IT
ME.250.955 Applied Clinical Informatics
ME.250.957 Database Querying in Health
ME.250.771 Introduction to Precision Medicine Data Analysis
ME.250.901 HSI: Knowledge Engineering and Decision Support
ME.250.860 Student Seminar and Grand Rounds
ME.250.858 Capstone
Ethics