HEALTH SCIENCES INFORMATICS—RESEARCH, MS

Health Sciences Informatics research involves innovations for the health sciences (basic, clinical, nursing, public health, and librarianship) in the understanding of information needs, the design and creation of information technologies, the deployment of information solutions, and the evaluation of information management.

The approach at Johns Hopkins is interdisciplinary. Although housed in the School of Medicine, the training program partners with all schools in the health sciences and throughout Hopkins.

The program invites applicants from a range of disciplines including public health, clinical care, the nursing sciences, and biology, as well as from cognate fields such as computer, library, and information sciences. Our applicant pool typically includes a number of physicians and candidates holding a Ph.D. or master’s degree who wish to develop expertise in the field of Health Sciences Informatics in general, and public health informatics in particular.

Admission Requirements

Applicants with the following degrees and qualifications will be considered:

- BA or BS, plus a satisfactory GRE score, or
- BA or BS, and a minimum of five years professional experience in a relevant field, or
- MA, MLS, MD, or PhD, with no further requirements.

"Relevant fields" include public health, medicine, dentistry, veterinary science, nursing, ancillary therapies, librarianship, biomedical science, and computer and information science.

The application is made available online through Johns Hopkins School of Medicine’s website (https://www.hopkinsmedicine.org/som/education-programs/graduate-programs/admissions/). The supporting documents listed below must be uploaded and tracked in the SLATE application system.

- Curriculum vitae
- Three letters of recommendation
- Official transcript of school record
- Certification of terminal degree
- You may also submit a portfolio of published research, or samples of website or system development to support your application if you wish.

Program Requirements

The Master of Health Science Informatics Research degree is completed over 24 months and requires 96 course credits including research and thesis preparation.

Core Curriculum

ME.600.903 Introduction to Public Health and Biomedical Informatics
ME.600.902 Leading Change Through Health IT
ME.600.900 Health Information Systems: Design to Deployment
ME.600.904 HIT Standards and Systems Interoperability
ME.600.901 HSI: Knowledge Engineering and Decision Support
ME.600.810 Student Seminar and Grand Rounds
ME.600.808 Capstone
Research Ethics