CLINICAL INFORMATICS, POST-BACCALAUREATE CERTIFICATE

Intended Audience

• Clinicians (physicians, nurses, dentists, doctors of osteopathy)
• Health specialists, including librarians and information managers seeking health IT skills and clinical data science skills.
• Programmers/software engineers seeking health IT skills and clinical data science skills.

Students 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/)

The program consists of seven 3 quarter credit courses, one of which is the practicum. The entire program is taken remotely and there are no requirements to come to the campus.

Educational Objectives

Upon completion of the Clinical Informatics Certificate Program, students will be able to:

• Work with clinical medical record data to evaluate evidence based practices
• Support or lead development of strategic direction for health information within the clinical enterprise
• Participate in or lead development of clinical knowledge management tools
• Support or lead the health IT systems development, procurement, and implementation process
• Support or lead evaluation of health information systems and applications
• Represent the enterprise’s interest in the national health IT debates, and particularizes that debate to meet local needs

Admissions Criteria

Applicants should have one of the following three qualifications:

• A previous master’s or health-professional degree from an accredited college or university.
• An undergraduate degree from an accredited college or university in a field relevant to Health IT, plus 3 years of experience in a field relevant to health IT. While experience in health IT itself is a higher priority, consideration will be given to experience in IT or related fields, other than health.
• An undergraduate degree in a field relevant to Health IT from an accredited college or university and 1 year of experience in a field relevant to Health IT. While experience in health IT itself is a higher priority, consideration will be given to experience in IT or related fields, other than health.

Applications are made available online through Johns Hopkins School of Medicine’s website (https://www.hopkinsmedicine.org/som/education-programs/graduate-programs/admissions/). Applicants must provide official transcripts, a statement of purpose, 2 letters of recommendation and a CV. Please track the receipt of all supporting materials through the SLATE application system.

Requirements

The Certificate requires 21 quarter course credits including the Practicum.

ME.250.953 Introduction to Public Health and Biomedical Informatics
ME.250.952 Leading Change Through Health IT
ME.250.750 Health Information Systems: Design to Deployment
ME.250.901 HSI: Knowledge Engineering and Decision Support
ME.250.957 Database Querying in Health
ME.250.771 Introduction to Precision Medicine Data Analysis
ME.250.855 Health Sciences Informatics Technology Practicum