

Graduate Certificate in Health Informatics

About the Graduate Certificate in Health Informatics

The Graduate Certificate in Health Informatics offered by the Department of Biomedical Informatics, Biostatistics, and Medical Epidemiology (BBME) provides learners with the skills necessary to participate in the selection, use, and evaluation of information technology applications throughout the health services industry. The certificate program is designed for students, physicians, nurses, managers, information system designers, consultants, and others committed to the application of information technology for improving the quality, safety, and efficiency of health services.

Students may pursue the HI Certificate in either the residential (on-campus) or executive (blended) format. Students who wish to pursue only the HI Certificate must apply to the BBME Department and the Graduate School for admission to the Graduate Certificate program. Students currently enrolled in a non-BBME Graduate program also need to formally apply for the Certificate.

Requirements

The HI Certificate requires the completion of four courses (12 credit hours total). All students must complete BBME 7430 Introduction to Health Informatics, and may choose any three other health informatics courses to fulfill the remaining nine hours. Students will choose their courses in consultation with the BBME academic advisor.

Required

BBME 7430	Introduction to Health Informatics	3
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Electives (select three courses)

BBME 7440	Health Information Technology	3
BBME 7566	Health Informatics Ethics	3
BBME 8435	Information Security, Evaluation and Policy	3
BBME 8437	Data Warehousing and Data/Text Mining for Health Care	3
BBME 8441	Biomedical and Health Vocabularies and Ontologies	3
BBME 8443	Enterprise Information and Solutions Architecture for Strategic Healthcare Operations	3
BBME 8550	Health Data Analytics	3
BBME 8571	Decision Support in Health Care Systems for Biomedical Informatics	3
BBME 8610	Consumer Health Informatics	3
BBME 8870	Knowledge Representation in Biology and Medicine	3

Biomedical Informatics, Biostatistics, and Medical Epidemiology

(BBME): <https://medicine.missouri.edu/departments/biomedical-informatics-biostatistics-medical-epidemiology/graduate-degrees-programs/graduate-certificate-in-health-informatics> (<https://medicine.missouri.edu/departments/biomedical-informatics-biostatistics-medical-epidemiology/graduate-degrees-programs/graduate-certificate-in-health-informatics/>)

Application/Admissions Contact:

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