

Graduate Certificate in Informatics for Public Health

The Graduate Certificate in Informatics for Public Health (IPH) offers to further and meet the growing demand for professional education and development in the field of public health informatics. The certificate provides participants with basic knowledge of issues and application of informatics in areas of public health including surveillance, prevention, preparedness, and health promotion, and competence in evaluating and discovering solutions for the current and future public health informatics challenges.

The IPH Certificate is designed to serve as a stand-alone certificate program for non-degree seeking students, public health care professionals and as an additional option for Master of Health Administration students, Master of Science in Health Informatics students, Master of Public Health students, and other Graduate students. Courses taken for the certificate program are not intended to fulfill the requirements of any current Graduate degree at MU. The IPH can be completed 100% online, however, some courses may be offered only in person.

Requirements

Successful completion of the certificate requires a total of 12 credit hours.*

Required Core Courses

HLTH_ADM 7431	Foundations of Public Health Informatics	3
HLTH_ADM 8545	Methods in Public Health Informatics	3
or HLTH_ADM 8450	Methods of Health Services Research	

Electives

HLTH_ADM 7432	Health Database Management and Public Health Data Systems	3
HLTH_ADM 7436	Telehealth	3
HLTH_ADM 7544	Managerial Epidemiology: Population Health Management	3
HLTH_ADM 7580	Project Management for Health Administration	3
HLTH_ADM 8460	Administration of Health Care Organizations	3
HLTH_ADM 8470	Strategic Planning and Marketing for Health Care Organizations	3
HLTH_ADM 8571	Decision Support Systems for Health Administration	3
HLTH_ADM 8461	Managing Human Resources in Health Care Organizations	3
HLTH_ADM 8573	Decision Making for Health Care Organizations	3
HLTH_ADM 8575	Health Policy and Politics	3
P_HLTH 8420	Principles of Epidemiology	3
P_HLTH 8470	GIS for Public Health	3
BBME 7566	Health Informatics Ethics	3

* Course not used as a required core course may be used as an elective.

Semester Plan

Please contact Health Administration in the Department of Health Sciences in the College of Health Sciences for further information about the certificate program and plan of study options. Additional information also available at <https://gradschool.missouri.edu/degree-programs/>.

Sample Plan of Study #1

First Year			
Fall	CR	Spring	CR
HLTH_ADM 7431		3 HLTH_ADM 7580	3
HLTH_ADM 7436		3 HLTH_ADM 8545	3
			6

Total Credits: 12

Sample Plan of Study #2

First Year			
Fall	CR	Spring	CR
HLTH_ADM 7431		3 HLTH_ADM 7432	3
Public Health GIS Elective (in development)		3 HLTH_ADM 8545	3
			6

Total Credits: 12

Admissions Contact

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