

# 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 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.

All IPH courses are offered in a 100% online format.

## Requirements

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

### Required Core Courses

HMI 7431	Foundation of Public Health Informatics	3
HMI 8545	Methods in Public Health Informatics	3

### Additional Core Course Options (select 1 or 2)

HMI 7432	Health Database Management and Public Health Data Systems	3
HMI 7435	Scripting for Public Health Informatics	3
HMI 8610	Consumer Health Informatics	3

### Electives

HMI 8550	Health Data Analytics	3
P_HLTH 8470	GIS for Public Health	3
HMI 8401	Topics in Health Management and Informatics	3

## Semester Plan

Please contact the HMI Department for further information about the certificate program and plan of study options. Additional information also available at <https://online.missouri.edu/degreeprograms/medicine/health-management-informatics/informatics-public-health/grad-cert/index.aspx> (<https://online.missouri.edu/degreeprograms/medicine/health-management-informatics/informatics-public-health/grad-cert/>)

### Sample Plan of Study #1

First Year			
Fall	CR	Spring	CR
HMI 7431		3 HMI 8610	3
HMI 7435		3 HMI 8545	3
		<b>6</b>	<b>6</b>

**Total Credits: 12**

### Sample Plan of Study #2

First Year			
Fall	CR	Spring	CR
HMI 7431		3 HMI 8545	3
Public Health GIS Elective (in development)		3 HMI 7432	3
		<b>6</b>	<b>6</b>

**Total Credits: 12**