

Public Health Informatics Online Certificate Program



Improve the Use of Information Technology in Public Health

Public health organizations are faced with the challenge of not only collecting and analyzing data related to the health of populations, but also managing this data in a way that maximizes the efficiency and efficacy of current and emerging public health interventions. Accordingly, there is a growing need for public health professionals who possess the knowledge required to develop, implement and evaluate public health information systems. UIC's **Public Health Informatics online certificate program (PHI)** was designed to develop a new generation of public health informatics leaders.

What Will I Learn?

The PHI certificate program is ideal for students seeking an overview of public health informatics, whether public health professionals or students of traditional public health programs interested in a concentrated introduction to informatics. Candidates will specifically develop the following skills and knowledge:

- Proficiency in health data definitions and standards
- Knowledge of the basic functions and operations of public health information systems
- Ability to plan and manage public health information systems projects
- Expertise to specify the requirements for the development or adaptation of public health information systems

What is Required?

The PHI certificate is offered entirely online by experienced research faculty at a fully-accredited school of public health. The PHI certificate consists of five courses, as well as an integrative paper. Courses include:

- Health Information and Decision Support Systems
- Development of Public Health Surveillance Information Systems
- Web-Based Public Health Information Systems
- Geographic Information System Application in Public Health
- Datamining Applications in Public Health

These online courses promote student and faculty interaction through online discussion groups and the use of virtual collaboration sessions. Course objectives are assessed by participation in discussion, quizzes and assignments. Each student will receive graduate credit for the courses successfully completed, which could be transferred toward the fulfillment of the Master of Public Health in Public Health Informatics degree program.

Who Should Apply?

The Public Health Informatics certificate program is ideal for public health professionals who wish to upgrade their informatics skills, individuals who wish to pursue a shorter course of study in public health informatics with an option to apply to UIC's Master of Public Health in Public Health Informatics program at a later date, and students enrolled in schools of public health across the country as well as outside of the United States who are interested in supplementing a degree program with a public health informatics specialization.

Learn more!

Visit www.uic.edu/sph/phi, call (312) 355-0423 or e-mail phi@uic.edu.