

Public Health Informatics Online Master's Degree



Public health organizations are faced with the challenge of not only collecting and analyzing data related to the health of a population, 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 **Master of Public Health in Public Health Informatics (MPH PHI)** online degree program was designed to develop a new generation of public health informatics leaders.

What Will I Learn?

MPH PHI participants will acquire the following knowledge and skills:

- Principles of public health, enriched within the context of public health informatics
- Definitions and standards of health data
- Issues and solutions surrounding privacy and confidentiality concerns
- Structure and uses of public health databases and networks
- Applications of the basic functions and operations of public health information technologies
- Strategies for developing or adapting public health-related information systems
- Planning, procurement and management objectives and standards for public health information systems projects
- Development and uses of web-based public health informatics applications, public health geographic information systems and data mining

What is Required?

The MPH PHI program includes online public health and informatics courses as well as two signature components:

- **Public Health Core Courses** – An introduction to the many disciplines within the field, including Community Health Sciences, Environmental and Occupational Health Sciences, Epidemiology, Biostatistics, and Principles of Public Health Management.
- **Informatics Courses** – An in-depth look at topics in public health informatics.
- **Field Practicum** – Students work with an approved health agency under the guidance of UIC academic advisors and field practicum supervisors. This is an opportunity to immediately apply your education and enhance your current career.
- **Capstone Project** – Students synthesize and integrate knowledge acquired in coursework and other learning experiences to address a practical informatics problem in an agency or organization. Frequently, the field practicum can be utilized as the experience for the capstone.

Who Should Apply?

The MPH PHI program is ideal for state/local public health agency personnel, staff of managed care organizations and pharmaceutical companies, international health agency personnel, federal health officers, physicians/other healthcare providers, IT professionals and veterans/military personnel. Professionals who already hold a public health degree or have public health experience and wish to upgrade their skills are most likely to benefit from this program. Additionally, select applicants may be eligible for the Professional Enhancement Program, which allows students to earn the MPH degree with a decrease in course requirements.

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