

# EPIDEMIOLOGY IN PUBLIC HEALTH, GCRT

*for the Graduate Certificate in Epidemiology in Public Health (online)*

Public health is an interdisciplinary field rooted in science and social justice that focuses on promoting health and well-being, and preventing disease and injury. Public health practitioners identify needs, craft interdisciplinary solutions to problems, and implement meaningful change to impact populations and make a real impact in the lives of others.

This graduate Certificate program is designed for individuals who want to gain foundational public health knowledge in the area of epidemiology. Epidemiology is a central component of the public health discipline and focuses on patterns of disease in populations and the development of knowledge on how to prevent and control these problems. Epidemiology Certificate students will gain an understanding of foundational epidemiologic concepts, how these concepts are applied in public health practice, and how to conduct and critique epidemiologic research using advanced scientific methodologies.

Taken together, this three-course Certificate will enable students to develop marketable skills in epidemiology that can be applied to a variety of health fields, including public health practice, surveillance, and research. This Certificate provides additional training in a critical and growing area within Public Health for current practitioners, or an additional area of expertise for related fields such as Social Work, Nutrition, and Medicine.

This Certificate can be utilized toward the Master of Public Health degrees.

## Admission

Prospective applicants must apply for admission to this Graduate Certificate through the Graduate College admissions process. We will utilize a holistic admissions process, with the admissions review including academic history, resume, and personal statement. Admission requires a Bachelor's degree.

## Financial Aid

Please contact University of Illinois Student Financial Aid directly at (217) 333-0100 or [finaid@illinois.edu](mailto:finaid@illinois.edu) for any questions you may have related to financial aid.

## Faculty Interests/Research

For information about specific faculty research interests, current grants, and publications, please visit our Faculty page.

*for the Graduate Certificate in Epidemiology in Public Health (online)*

Students who have successfully completed this certificate may use the certificate courses to satisfy the following degree requirements, provided they apply and are admitted to the degree program:

- 12 hours of coursework requirements of the Epidemiology, MPH degree program.
- 12 hours of coursework requirements of the Public Health, MPH degree program with the Physical Activity & Health Concentration.
- 4 hours of coursework requirements of the Public Health, MPH degree program with the Health Behavior and Promotion Concentration.

The required courses for this certificate are listed below.

## Coursework Requirements

Code	Title	Hours
HK 517	Principles of Epidemiology	4
HK 528	Applied Epidemiology	4
HK 533	Analytical Epidemiology	4
<b>Total Hours</b>		<b>12</b>

*for the Graduate Certificate in Epidemiology in Public Health (online)*

1. Describe the foundational concepts and study designs in the field of epidemiology.
2. Apply theoretical epidemiologic concepts to public health practice.
3. Design and critique epidemiologic studies using advanced scientific methodologies.

*for the Graduate Certificate in Epidemiology in Public Health (online)*

## Graduation Requirements

**Minimum Cumulative GPA:** 3.0

**Minimum hours required for certificate completion:** 12 hours