

# PUBLIC HEALTH: EPIDEMIOLOGY, BS

## Overview

for the Bachelor of Science in Public Health, Epidemiology concentration

The degree in Public Health prepares students to become leaders in public health, equipped with the knowledge and skills to make a significant impact on population health both locally and globally. Our program addresses the most pressing health challenges of our time. Students choose one of four concentrations to complement the core curriculum: 1) Health Education & Promotion, 2) Health Administration and Policy, 3) Epidemiology, or 4) Community Health Practice. Students are prepared for diverse careers within the public health sector, including roles as health educators, outreach coordinators, healthcare administrators, health policy analysts, health program managers, epidemiologists, community health coordinator, emergency response coordinators, and preparedness and compliance specialists.

## Degree Requirements

for the Bachelor of Science in Public Health, Epidemiology concentration

### Graduation Requirements

Minimum hours required for graduation: 120 hours.

### University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300- or 400-level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (<https://studentcode.illinois.edu/article3/part8/3-801/>) (§ 3-801) and in the Academic Catalog (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

### General Education Requirements

Follows the campus General Education (Gen Ed) requirements (<https://courses.illinois.edu/gened/DEFAULT/DEFAULT/>). Some Gen Ed requirements may be met by courses required and/or electives in the program.

Code	Title	Hours
	Composition I	4-6
	Advanced Composition	3
	fulfilled by HK 300	
	Humanities & the Arts (6 hours)	6
	fulfilled by HK 208 and any other course approved as Humanities & the Arts	
	Natural Sciences & Technology (6 hours)	6
	Social and Behavioral Sciences (6 hours)	6
	fulfilled by HK 111 and HK 300	
	Cultural Studies: Non-Western Cultures (1 course)	3

Cultural Studies: US Minority Culture (1 course)	3
fulfilled by HK 271	
Cultural Studies: Western/Comparative Cultures (1 course)	3
Quantitative Reasoning (2 courses, at least one must be Quantitative Reasoning I)	6-10
fulfilled by HK 201 or HK 416 and HK 207 or HK 209	
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)	0-15

### Major Requirements

Code	Title	Hours
HK 111	Introduction to Public Health	3
HK 125	Orientation to Health & Kinesiology	1
HK 201	Health Sciences Research Methods	3
HK 202	Health Careers & Professionalism	1
HK 206	Health Care Systems	3
HK 208	Introduction to Medical Ethics	3
HK 209	Introduction to Biostatistics and Health Data Analysis	3
HK 271	Health Equity in the United States	3
HK 300	Health Behavior Theories and Applications	4
HK 410	Public Health Practice	4
HK 470	Orientation to Internship	1
HK 471	Health Internship	8
HK Electives (choose from all HK courses, in consultation with advisors)		12

### Concentration Requirements

Code	Title	Hours
HK 207	Introduction to Epidemiology	3
HK 412	Infectious Disease Epidemiology	3
HK 413	Chronic Disease Epidemiology	3
HK 416	Applied Health Data Analysis	3

Code	Title	Hours
<b>Total Hours</b>		<b>120</b>

### Sample Sequence

for the Bachelor of Science in Public Health, Epidemiology concentration

*This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.*

*Students must fulfill their Language Other Than English requirement by successfully completing a third level of a language other than English. For more information, see the corresponding section on the Degree and General Education Requirements page (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).*

**First Year****First Semester**

Requirements	Hours
Composition I or General Education course	4
HK 111 - Introduction to Public Health	3
HK 125 - Orientation to Health & Kinesiology	1
General Education course	3
Free Elective course	4
<b>Semester Hours</b>	<b>15</b>

**Second Semester**

Requirements	Hours
HK 202 - Health Careers & Professionalism	1
HK 209 - Introduction to Biostatistics and Health Data Analysis	3
Language Other Than English (3rd level)	4
General Education course or Composition I	3
General Education course	3
Free Elective course	1
<b>Semester Hours</b>	<b>15</b>

**Second Year****First Semester**

Requirements	Hours
HK 201 - Health Sciences Research Methods	3
HK 271 - Health Equity in the United States	3
General Education course	3
Free Elective course	3
Free Elective course	3
<b>Semester Hours</b>	<b>15</b>

**Second Semester**

Requirements	Hours
HK 206 - Health Care Systems	3
HK 208 - Introduction to Medical Ethics	3
General Education course	3
HK Elective course	3
Free Elective course	3
<b>Semester Hours</b>	<b>15</b>

**Third Year****First Semester**

Requirements	Hours
HK 207 - Introduction to Epidemiology	3

HK 300 - Health Behavior Theories and Applications	4
HK Elective course	3
Free Elective course	3
Free Elective course	2
<b>Semester Hours</b>	<b>15</b>

**Second Semester**

Requirements	Hours
HK 412 - Infectious Disease Epidemiology	3 or 4
HK Elective course	3
Free Elective course	3
Free Elective course	3
Free Elective course	3
<b>Semester Hours</b>	<b>15-16</b>

**Fourth Year****First Semester**

Requirements	Hours
HK 410 - Public Health Practice	4
HK 413 - Chronic Disease Epidemiology	3
HK 470 - Orientation to Internship	1
HK Elective course	3
Free Elective course	4
<b>Semester Hours</b>	<b>15</b>

**Second Semester**

Requirements	Hours
HK 416 - Applied Health Data Analysis	3
HK 471 - Health Internship	8
Free Elective course	4
<b>Semester Hours</b>	<b>15</b>

**Total Hours**

Total hours for all requirements: 120

**Learning Outcomes**

*for the Bachelor of Science in Public Health, Epidemiology concentration*

1. Content Knowledge: Students will learn and engage with significant theories, models, themes, and ideas within the health and/or kinesiology disciplines.
2. Critical Thinking and Discovery: Students will explore and analyze scientific findings to promote inquiry, generate evidence-based solutions, and create new ideas within health and/or kinesiology disciplines.
3. Awareness and Understanding: Students will be exposed to and engage with a holistic perspective related to the diverse socioeconomic, behavioral, sociocultural, biological, environmental, philosophical, ethical and historical factors that influence health and/or kinesiology.

4. Programming and Assessment: Students will apply evidence-based practices in developing, implementing, and assessing programs and interventions related to health promotion, physical activity adoption and adherence, and the prevention and management of diseases.
5. Leadership and Engagement: Through a variety of applied learning opportunities, students will demonstrate leadership and effective communication skills, showcase an appreciation of and commitment to health and well-being as they develop and sustain productive relationships and work for the common good at local, national, and global levels.

## Contact Information

*for the Bachelor of Science in Public Health, Epidemiology concentration*

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### Department of Health and Kinesiology

Health and Kinesiology website (<https://hk.illinois.edu/>)  
 115 Freer  
 906 S. Goodwin  
 Urbana, IL 61801  
 (217) 333-2461  
 Email: [hk-business-office@illinois.edu](mailto:hk-business-office@illinois.edu)

### College of Applied Health Sciences

Applied Health Sciences website (<https://ahs.illinois.edu/>)  
 110 Huff Hall  
 1206 South 4th Street  
 Champaign, IL 61820  
 (217) 333-2131  
 Email: [ahs@illinois.edu](mailto:ahs@illinois.edu)

### Advising

Advising website (<https://hk.illinois.edu/academics/advising/>)

### Admissions

Admissions website (<https://hk.illinois.edu/admissions/>)  
 (217) 333-2130  
 Email: [ahs-admissions@illinois.edu](mailto:ahs-admissions@illinois.edu) (AHS-admissions@illinois.edu)