

# ENVIRONMENTAL HEALTH SCIENCES FOR NON-NATURAL SCIENCE MAJORS - MINOR

College of Public Health and Health Sciences  
www.kent.edu/publichealth

## About This Program

Build a meaningful bridge between science and public impact with the Environmental Health Sciences for Non-Natural Science Majors minor. Students gain foundational knowledge in environmental health as it relates to public health and prepare for a variety of career paths, including a registered environmental health sanitarian (REHS). Read more...

## Contact Information

- **Gretchen Thomas** | gthoma33@kent.edu | 330-672-6528
- Speak with an Advisor

## Program Delivery

- **Delivery:**
  - Mostly online
- **Location:**
  - Kent Campus

## Admission Requirements

Admission to this minor is selective, open only to students who are **not** declared in one of the following majors:

- Biology
- Biotechnology
- Chemistry
- Earth Science
- Environmental and Conservation Biology
- Environmental Studies
- Geography
- Geology
- Integrative Studies
- Medical Laboratory Science
- Neuroscience
- Physics
- Zoology

Students declared in one of the above majors should declare the Environmental Health Sciences for Natural Science Majors - Minor.

## Program Requirements

### Minor Requirements

Code	Title	Credit Hours
<b>Minor Requirements</b>		
PH 20001	ESSENTIALS OF EPIDEMIOLOGY	3

PH 30002	INTRODUCTORY BIOSTATISTICS	3
PH 30006	INTRODUCTION TO ENVIRONMENTAL HEALTH AND SAFETY	3
PH 30007	PREVENTION AND CONTROL OF DISEASES	3
Biological Sciences Electives, choose from the following:		4
BSCI 10001	HUMAN BIOLOGY (KBS)	
BSCI 10003	LABORATORY EXPERIENCE IN BIOLOGY (KBS) (KLAB)	
BSCI 10110	BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)	
or BSCI 10120	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	
BSCI 11010	FOUNDATIONAL ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)	
BSCI 21010	ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)	
Chemistry Electives, choose from the following:		3-5
CHEM 10050	FUNDAMENTALS OF CHEMISTRY (KBS)	
CHEM 10055	MOLECULES OF LIFE (KBS)	
CHEM 10060	GENERAL CHEMISTRY I (KBS)	
CHEM 10062	GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	
Minor Electives, choose from the following:		9
PH 30012	COMMUNICABLE DISEASES	
PH 40102	SOLID AND HAZARDOUS WASTE MANAGEMENT	
PH 40103	FOOD PROTECTION	
PH 40105	WATER AND WASTEWATER MANAGEMENT	
PH 42100	CLIMATE CHANGE AND POPULATION HEALTH	
PH 43013	BUILT ENVIRONMENT AND PUBLIC HEALTH	

**Minimum Total Credit Hours: 28**

## Graduation Requirements

Minimum Minor GPA	Minimum Overall GPA
2.000	2.000

- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).

## Program Learning Outcomes

Graduates of this program will be able to:

1. Address the basic concepts, methods and tools of public health data collection, use and analysis and why evidence-based approaches are an essential part of public health practice.
2. Address the socioeconomic, behavioral, biological, environmental and other factors that impact human health and contribute to health disparities.

## Full Description

The Environmental Health Sciences for Non-Natural Science Majors minor is intended for students who have a strong interest or curricular focus in a natural science major. The minor provides students with foundational concepts in environmental health as it relates to the broad field of public health.

Students who complete the required coursework and have 30 credit hours of coursework in specific public health areas, biology, chemistry,

physics, geology, math or statistics can pursue a Sanitarian in Training (SIT) career path in State of Ohio agencies to become a registered environmental health sanitarian (REHS), and are well equipped to enter the workforce in a variety of career paths.