

ENVIRONMENTAL HEALTH SCIENCES - MINOR

College of Public Health
www.kent.edu/publichealth

Contact Information

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- Speak with an Advisor

Fully Offered

- **Delivery:**
 - In person
- **Location:**
 - Kent Campus

Description

The Environmental Health Sciences 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. This includes students in a variety of majors, including, but not limited, to biology, chemistry, geology, geography, physics, botany and zoology.

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 Sanitarian (RS) and are well equipped to enter the workforce in a variety of career paths.

Admission Requirements

Admission to a minor is open to students declared in a bachelor's degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

Program Learning Outcomes

1. Students will be able to 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. Students will be able to address the socio-economic, behavioral, biological, environmental, and other factors that impact human health and contribute to health disparities
3. Students will be able to 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

Minor Requirements

Code	Title	Credit Hours
Minor Requirements		
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 (BSCI) 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)	
BSCI 11010	FOUNDATIONAL ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)	
BSCI 21010	ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)	
Chemistry (CHEM) 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)	
Mathematics (MATH) Electives, choose from the following:		3-5
MATH 10772	MODELING ALGEBRA PLUS (KMCR)	
MATH 10775	ALGEBRA FOR CALCULUS PLUS (KMCR)	
MATH 11009	MODELING ALGEBRA (KMCR)	
MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	
MATH 11012	INTUITIVE CALCULUS (KMCR)	
MATH 11022	TRIGONOMETRY (KMCR)	
MATH 12002	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	
MATH 12011	CALCULUS WITH PRECALCULUS I (KMCR)	
MATH 12021	CALCULUS FOR LIFE SCIENCES	
Minor Electives, choose from the following:		8-9
BSCI 10120	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	
BSCI 30140	CELL BIOLOGY	
BSCI 30171	GENERAL MICROBIOLOGY	
BSCI 20021	BASIC MICROBIOLOGY	
CHEM 10061	GENERAL CHEMISTRY II (KBS)	
CHEM 10063	GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)	
ESCI 21062	ENVIRONMENTAL EARTH SCIENCE (KBS)	
PH 30012	COMMUNICABLE DISEASES	
PHY 13001	GENERAL COLLEGE PHYSICS I (KBS)	
PHY 13021	GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	
PHY 23101	GENERAL UNIVERSITY PHYSICS I (KBS) (KLAB)	
Minimum Total Credit Hours:		30

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).