



## College of Health Sciences Department of Social & Public Health

The Department of Social and Public Health intends to offer a three-year baccalaureate degree route to students pursuing a major in Environmental Health. This option will be open to students who complete 32 hours of academic credit spread out over two summer terms or through advanced placement or concurrent enrollment credit completed while in high school. Other students will also be able to pursue this degree in a four-year time frame.

The curriculum outlined below is a semester-by-semester plan of study for the Environmental Health major in adherence to section 3333.71 of the Revised Code for the three-year baccalaureate degrees. This plan described a path that includes the summer enrollment option. Please review this document and the following endnotes to gain a better understanding of the program requirements

The scheduling scenario below is intended to present an example pattern by which this major can be completed in three years. Those interested in pursuing this option need to work with an academic advisor to develop a specific plan to earn the 130 credit hours required for graduation.

### Environmental Health Major

Semester 1: Fall			
Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
CHEM 1210/1510 Principles of Chemistry I/Fundamental of Chemistry I	4		
GEOG 1400 Environmental Geography	3		
HLTH 2000 Introduction to Public Health	3		
SOC 1000 Introduction to Sociology	3		
Tier II Fine Arts	3		
Total hours for semester	16		

**Semester 2: Spring**

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
ENGL 1610 Freshman Composition: Writing & Rhetoric	3		
EH 2000 Introduction to Environmental Health & Safety	3		
CHEM 1220/1520 Principles of Chemistry II/Fundamental of Chemistry II	4		
HLTH 3300 Community Health Epidemiology	3	Yes	
MATH 1300 Pre-Calculus	4		
Total hours for semester	17		

**Semester 3: Summer**

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
BIOS 1700 Biological Sciences 1:Molecules and Cells	3		
BIOS 1705 Biological Sciences I: Laboratory	1		
HLTH 2300 Medical Terminology	3		
PSY 1010 General Psychology	3		
PSY 1110 Elementary Statistical Reasoning	3		
Tier II Cross Cultural Perspective Course	3		
Total hours for semester	16		

**Semester 4: Fall**

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
BIOS 2210 Microbes & Humans	3		
BIOS 2215 Microbes & Humans Laboratory	1		
ECON 1030 Principles of Microeconomics	3		
EH 4000 Environmental Health & Safety Risk Communication	3	Yes	
IH 2000 Essentials of Industrial Hygiene & Occupational Safety	3		
IH 4100 Toxicology for the Health Sciences	3	Yes	
Total hours for semester	16		

**Semester 5: Spring**

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
CHEM 3010 Organic Chemistry	3	Yes	
CHEM 3080 Organic Chemistry Laboratory	1	Yes	
EH 3300 Food Quality & Vector Control	3	Yes	
EH 3100 Air, Waters & Waste	3	Yes	
HLTH 3300 Community Health Epidemiology	3	Yes	
IH 4200 Industrial Ventilation with Laboratory	4	Yes	
Total hours for semester	17		

**Semester 6: Summer**

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
Junior Composition	3		
PHYS 2001 Introduction to Physics	4		
EH 4920 Environmental Health Practicum	9	Yes	
Total hours for semester	16		

**Semester 7: Fall**

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
EH 3200 Health and the Built Environment	3	Yes	
EH 4400 Occupational Safety and Health	3	Yes	
GEOG 2680 Introduction to GIS and Mapping Sciences	3		
IH 4500 Public Health Emergency Response	3	Yes	
PHYS 2002 Introduction to Physics	4		
Total hours for semester	16		

**Semester 8: Spring**

Course Subject and Title (Or General Tier/Major Requirement)	Credit Hours	Upper Division	Minimum Grade
BIOS 2030 Human Biology II: Essentials of Anatomy & Physiology	3		
EH 4710 Environmental Risks and Society Benefits	3	Yes	
EH 4900 Special Topics- Environmental Health	3	Yes	
IH 4000 Industrial Hygiene Sampling and Analysis	4	Yes	
Tier II Humanities and Language	3		
Total hours for semester	16		

<sup>1</sup>All Tier I and Tier II courses can be taken at any time.

<sup>2</sup>Since most of the general education courses (tier courses at OU) easily transfer from institution to institution, these courses may be taken through online or on-campus enrollment at other institutions subject to transfer credit applicability guidelines. Students should consult an academic advisor before enrolling in courses at other institutions.

<sup>3</sup>General Electives can come from any department. Academic advisors often encourage an expanded related area/ and. or a minor, certificate program that will complement the major. <sup>4</sup>General Electives may be completed at other institutions, subject to credit transferability and minimum grade requirements.