

Bachelor of Science in Public Health

Environmental Public Health Specialization

2021-2022 Curriculum Guide

(including General Education, Admissions requirements, and Major coursework)
 For students who entered the university prior to Autumn Semester 2022

Course	Credits	Course	Credits
General Education (GE) Requirements Students should refer to GE guide for GE course selection		Interdisciplinary Specialization Courses I (16 credits)	
English 1110.0X	3	Chemistry 1210 General Chemistry I	5
Level 2 Writing- Any 2367 Course	3	Chemistry 1220 General Chemistry II	5
Literature	3	Chemistry 2510 Organic Chemistry Lecture	4
Visual and Performing Arts	3	Chemistry 2540 Organic Chemistry Lab	2
Math 1148/1149 or 1150	5-7	Interdisciplinary Specialization Courses II (9-10 credits) Select at least 3 of the following courses:	
Statistics 1350 or 1450	3	EARTHSC 2203 Environmental Geoscience	3
Biology 1113	4	EARTHSC 2204 Exploring Water Issues	3
Microbiology 4000.01 or 4000.02	4	EARTHSC 3411 Water Security for the 21 st century (SP)	3
Physics 1200	5	EARTHSC 5203 Geo-Environment & Human Health (SP)	3
Historical Study	3	EARTHSC 5663 Global Change and Sustainability in the Earth System (AU)	4
Culture & Ideas or other Historical Study	3	Interdisciplinary Specialization Courses III (9 credits) Select at least 3 of the following courses:	
Sociology 1101	3	PUBHEPI 3411 PH Field Investigation (frmlly 5411)	3
2nd Social Science (from Social Science subcategory A or C)	3	PUBHEPI 5412 Global Epi of Infectious Diseases (SP)	3
Foreign Language through 1103 or credit by exam	12	PUBHEPI 5438 Cardiovascular Disease Epidemiology	3
Social Diversity in the United States (Sociology 1101)	-	PUBHEHS 3320 Fundamentals of Env Health Risk Assessment (SP)	3
Global Studies (Overlap with other GE courses) ▲	0-6	PUBHEHS 4530 Food Safety & Public Health (SP)	3 [^]
Math 1151 (fulfills GE Open Option)	5	PUBHEHS 4325 Climate Change & Human Health	3
Biology 1114 (fulfills GE Open Option)	4	PUBHEHS 5315 Principles of Toxicology (SP)	3
GE Total Hours	66-74	PUBHEHS 5325 Principles of Occupational Health Science (AU)	3
PUBHLTH 1100 Survey of Public Health	1	Capstone Experience (3-4 credits)	
BSPH Major Admission Requirements (all courses overlap with GE requirements): English 1110.0X Math 1148/1149 or 1150 or higher Biology 1113 Sociology 1101 Minimum 2.80 cumulative GPA, C or higher in all prerequisite courses, Completion of 30 credit hours		All students must take Public Health 3180 or 3180E (Undergraduate Capstone Preparation)	1
		And then choose one of the following:	
		<i>PUBHLTH 3189.03 or 3189.03E Field Experience (Education abroad)</i> <i>PUBHLTH 3191 Internship or 3191E Honors Internship</i> <i>PUBHLTH 3999 Undergraduate Capstone Research</i> <i>PUBHLTH 4999 Undergraduate Research Thesis or 4999.01H Senior Honors Thesis</i>	2-3
Major Requirements C- or higher required in all major courses		Major Elective credits 6 Select six credits from interdisciplinary specialization courses not already used. Other approved courses that fulfill Major Electives:	
Public Health Foundation Courses (18 credits)		EARTHSC 5651 Hydrogeology (4)	
PUBHLTH 2010 Critical Issues in Global Public Health	3	ENR 2100 Intro to Environmental Science (3)	
PUBHBIO 2210 or 2210(H) Biostatistics for PH Research	3	ENR 3000 Soil Science (3)	
PUBHEHS 3310 Current Issues Global Environmental Health	3	GEOG 2800 Our Global Environment (3)	
PUBHHBP 3510 Role of Behavior in Public Health	3	GEOG 5220 Fundamentals of GIS (3)	
PUBHEPI 2410 Epidemiology in Public Health	3	PUBHLTH 5015 Public Health Data Analytics (3)	
PUBHHMP 3610 US and International Health Care	3	PUBHEHS 4330 Environmental Epigenetics (3)	
		PUBHLTH 3998 Undergraduate Public Health Research Sem. (2)	
		VETPREV 5721 How Animals Can Make You Sick (3)	
Total Minimum Credits: 126			

Bachelor of Science in Public Health - Environmental Public Health Specialization

Suggested 4 year plan

Autumn 1	Hours	Spring 1	Hours
English 1110.0X	3	Math 1151	5
Chemistry 1210	5	Chemistry 1220	5
Math 1150	5	Biology 1113	4
Sociology 1101	3	Visual and Performing Arts GE	3
PUBHLTH 1100	1		
Total Hours	17	Total Hours	17
Autumn 2		Spring 2	
Chemistry 2510	4	Chemistry 2540	2
PUBHLTH 2010	3	PUBHEPI 2410	3
Language 1 (1101)	4	2 nd Writing (any 2367 course)	3
Statistics 1350 or 1450	3	Language 2 (1102)	4
PUBHEHS 3310	3	PUBHBIO 2210 or 2210H	3
Total Hours	17	Total Hours	15
Autumn 3		Spring 3	
Biology 1114	4	PUBHHBP 3510	3
Literature GE	3	Interdisciplinary Spec Course II	3
PUBHHMP 3610	3	Historical Study GE	3
Interdisciplinary Spec Course II	3	Physics 1200	5
Language 3 (1103)	4	Interdisciplinary Spec Course II	3
Total Hours	17	Total Hours	17
Autumn 4		Spring 4	
Microbiology 4000.01 or 4000.02	4	Capstone*	2-3
Interdisciplinary Spec Course III	2-3	Culture & Ideas or Historical Study GE	3
Major Elective	3	Interdisciplinary Spec Course III	2-3
Public Health 3180 (capstone prep)	1	Interdisciplinary Spec Course III	3
Other Social Science GE	3	Major Elective	3
Total Hours	13-14	Total Hours	13-15
Total Credit Hours			126

*Capstone can be selected from: Internship or Honors Internship, Field Experience (Education Abroad), Honors Thesis, or Undergraduate Research. If Field Experience is selected, students may need to enroll in a summer term.

^ PUBHEHS 4530 increased in from 2 to 3 credit hours effective autumn semester 2022.

Office of Academic Programs and Student Services

College of Public Health

100 Cunz Hall, 1841 Neil Avenue, Columbus, OH 43210

cph.osu.edu Appointment line: 614-292-8350