



Bachelor of Science in Public Health
Environmental Public Health Specialization

2020-2021 Curriculum Guide

(including General Education, Admissions requirements, and Major coursework)

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 credits) Select at least 3 of the following courses:	
Statistics 1350 or 1450	3	EARTHSC 2203 AU/SP Environmental Geoscience	3
Biology 1113	4	EARTHSC 2204 AU/SP Exploring Water Issues	3
Microbiology 4000.01	4	EARTHSC 3203 Basic Science, Research, & Implications for Society	3
Physics 1200	5	EARTHSC 3411 Water Security for the 21 st century	3
Historical Study	3	EARTHSC 5203 SP Geo-Environment & Human Health	3
Culture & Ideas or other Historical Study	3	Interdisciplinary Specialization Courses III (8-9 credits) Select at least 3 of the following courses:	
Sociology 1101	3	PUBHEPI 5411 AU Outbreak Investigations	3
2nd Social Science (from Social Science subcategory A or C)	3	PUBHEPI 5412 Infectious Diseases Developing World	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 SP Fundamentals of Environmental Health Risk Assessment	3
Global Studies (Intended to overlap with other GE courses)	0-6	PUBHEHS 4530 SP Food Safety & Public Health	2
Math 1151 (fulfills GE Open Option)	5	PUBHEHS 5320/4325 Climate Change & Human Health	3
Biology 1114 (fulfills GE Open Option)	4	PUBHEHS 5315 SP Principles of Toxicology	3
GE Total Hours	66-74	PUBHEHS 5325 AU Principles of Occupational Health Science	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:	
		PUBHLTH 3189.03, .04 or 3189.03E 3189.04E Field Experience (Education abroad) PUBHLTH 3191 Internship or 3191E Honors Internship PUBHLTH 3999 Undergraduate Capstone Research PUBHLTH 4999 Undergraduate Research Thesis or 4999.01H Senior Honors Thesis	2-3
Major Requirements C- or higher required in all major courses		Major Elective credits 6	
Public Health Foundation Courses (18 credits)		Select six credits from interdisciplinary specialization courses not already used. Other approved courses that fulfill Major Electives:	
PUBHLTH 2010 Introduction to Global Public Health	3	EARTHSC 5651 Hydrogeology (3)	
PUBHBIO 2210 or 2210(H) Biostatistics for PH Research	3	ENR 2100 Intro to Environmental Science (3)	
PUBHEHS 3310 Current Issues Global Environmental Health	3	ENR 3000 Soil Science (3)	
PUBHHBP 3510 Role of Behavior in Public Health	3	GEOG 2800 Our Global Environment (3)	
PUBHEPI 2410 Introduction to Epidemiology	3	GEOG 5220 Fundamentals of GIS (3)	
PUBHHMP 3610 US and International Health Care	3	PUBHLTH 5015 Public Health Data Analytics (3)	
		PUBHEHS 5330 Environmental Epigenetics (3)	
		PUBHLTH 3998 Undergraduate Public Health Research Sem. (2)	

Total Minimum Credits: 126

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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	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.

Special Note - 2 GE courses must also have Global Studies designation (▲). All GE courses found on the GE guide

Office of Academic Programs and Student Services

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