

Bachelor of Science in Public Health

Environmental Public Health Specialization

2023-2024 Curriculum Guide (including General Education, Admissions requirements, and Major requirements)

Course	Credit Hours	Course	Credit Hours
General Education (GE) Requirements Students should refer to GE guide for specific GE requirements		Interdisciplinary Environmental Public Health Specialization Courses (27-28 credit hours)	
General Education Foundation Courses (24 credit hours)		EARTHSCI 2203 Environmental Geoscience	3
Writing and Information Literacy (English 1110.XX)	3	EARTHSCI 3411 Water Security 21 st Century (SP)	3
Mathematical and Quantitative Reasoning (Math 1151 or higher)	5	PUBHEHS 3320 Fund. of Env Hlth Risk Assmt (SP)	3
Literary, Visual and Performing Arts	3	PUBHEHS 4530 Food Safety & Public Health (SP)	3
Historical and Cultural Studies	3	PUBHEHS 5315 Principles of Toxicology (SP)	3
Natural Science (Biology 1113 recommended)	4	PUBHEHS 5335 Ecology of Infectious Diseases (SP)	3
Social and Behavioral Sciences	3	PUBHEHS 5340 Air Contaminants & PH (SP)	3
Race, Ethnic and Gender Diversity	3	PUBHEPI 3411 PH Field Investigation (formerly 5411)	3
GE Themes (9-12 credit hours)		Select one course from the following (credit hours included above)	
Theme 1: (Required) Citizenship for a Diverse and Just World (select two courses)	6	EARTHSCI 5203 Geo-Environment & Human Health (SP)	3
Theme 2: Theme of your choice (select one course)	3*	EARTHSCI 5663 Global Change & Sustainability (AU)	4
*Students can overlap one approved Public Health Foundation Course to fulfill requirements for the Health and Well-Being Theme (PUBHLTH 2010, PUBHEPI 2410, PUBHHBP 3510, PUBHHMP 3610) or the Lived Environment (PUBHEHS 3310) Theme.		PUBHEHS 4330 Environmental Epigenetics	3
GE Bookends (2 credit hours)		Selectives (9-12 credit hours) Select from courses listed below or other EPH applicable course(s) with EHS faculty approval:	
GENED 1201 (Launch Seminar)	1	EARTHSCI 2204 Exploring Water Issues (3)	
GENED 4001 (Reflection Seminar)	1	EARTHSCI 4450 Water, Ice, & Energy in the Earth System (3)	
First Year Survey Course (1 credit hour)		EARTHSCI 5203 Geo-Environment & Human Health (3)	
PUBHLTH 1100 Survey of Public Health	1	EARTHSCI 5651 Hydrogeology (4)	
BSPH Major Admission Requirements Math 1151, Minimum 2.50 cumulative GPA, C or higher in the prerequisite course, Completion of 15 credit hours		EARTHSCI 5663 Global Change & Sustainability in Earth Sys (4)	
Major Requirements C- or higher required in all major courses		PUBHLTH 3998 Undergraduate Public Health Research (2)	
Required Public Health Foundation Courses (18 credit hours) **One of these foundation courses can overlap with one GE Theme**		PUBHLTH 5015 Public Health Data Analytics (3)	
PUBHBIO 2210 or 2210(H) Biostatistics for PH Research	3	PUBHEHS 3330 Global Pandemics and Public Health (3)	
**PUBHEHS 3310 Current Issues in Global Env Health	3	PUBHEHS 4325 Climate Change and Human Health (3)	
**PUBHLTH 2010 Critical Issues in Global Public Health	3	PUBHEHS 4330 Environmental Epigenetics (3)	
**PUBHHBP 3510 Role of Behavior in Public Health	3	PUBHEHS 4340 Molecular Techniques for Environmental Health Sciences (3)	
**PUBHEPI 2410 Epidemiology in Public Health	3	PUBHEHS 5325 Princ of Occupational Health Science (3)	
**PUBHHMP 3610 U.S. & International Health Care	3	PUBHEHS 5395 Engineering Design Environmental Health (3)	
Required Interdisciplinary Specialization Courses (25 credit hours)		PUBHEPI 5412 Infectious Disease Epidemiology (3)	
CHEM 1210 General Chemistry I	5	ENR 2100 Intro to Environmental Science (3)	
CHEM 1220 General Chemistry II	5	ENR 3000 Soil Science (3)	
CHEM 2510 Organic Chemistry I	4	GEOG 2800 Our Global Environment (3)	
CHEM 2540 Organic Chemistry Lab I	2	GEOG 5210 Fundamentals of GIS (3)	
MICROBIOLOGY 4000.01 Basic & Practical Microbiology	4	VETPREV 5721 How Animals Can Make You Sick (3)	
PHYSICS 1200 Mechanics, Kinematics, Fluids, Waves	5	Capstone (3-4 credit hours)	
		Public Health 3180 or 3180E (Capstone Preparation course, required of all students)	1
		Then select one Capstone Course:	
		PUBHLTH 3191/3191E Internship/Honors Internship	2
		EARTHSCI 5797.02 or pre-approved Education Abroad	3
		PUBHLTH 3999 Undergraduate Capstone Research	2
		PUBHLTH 4999/4999.01H Research Thesis	2
		Total Minimum Credit Hours	121

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Suggested 4 year plan

Autumn 1		Hours	Spring 1		Hours
GENED 1201 (Launch Seminar)		1	CHEM 1220		5
ENGLISH 1110.OX		3	PUBHEHS 3310		3
Math 1151		5	PUBHLTH 2010		3
CHEM 1210		5	BIO 1113		4
PUBHLTH 1100		1			
Total Hours		15	Total Hours		15
Autumn 2			Spring 2		
PUBHHBP 3510		3	Literary, Visual and Performing Arts GE		3
			PUBHEHS 3320		3
CHEM 2510		4	CHEM 2540		2
Historical and Cultural Studies GE		3	PUBHBIO 2210 or 2210H		3
PHYSICS 1200		5	Social and Behavioral Sciences GE		3
Total Hours		15	Total Hours		14
Autumn 3			Spring 3		
MICROBIOLOGY 4000.01		4	EARTHSCI 3411		3
PUBHEPI 2410		3	PUBHHMP 3610		3
Race, Ethnic and Gender Diversity GE		3	GE THEME COURSE: Citizenship for a Diverse and Just World		3
EARTHSCI 2203		3	PUBHEHS 5315		3
PUBHEPI 3411		3	PUBHEHS 4530		3
Total Hours		16	Total Hours		15
Autumn 4			Spring 4		
PUBHLTH 3180 (Capstone Prep)		1	Capstone Course		2-3
SELECTIVE		3	GENED 4001 (Reflection Seminar)		1
Select one of three Interdisciplinary EPH specialization courses		3	GE THEME COURSE: Citizenship for a Diverse and Just World		3
SELECTIVE		3	PUBHEHS 5335		3
SELECTIVE		2-3	SELECTIVE		3
GE THEME COURSE		3	PUBHEHS 5340		3
Total Hours		15-16	Total Hours		15-16
			Total Credit Hours		121

Office of Academic Programs and Student Services

College of Public Health

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