

2023-2024 Bachelor of Science in Public Health – Environmental Public Health Specialization/MPH- Epidemiology with new ODHE rules

<i>Undergraduate courses</i>		Course	Credit Hrs
General Education (GE) Requirements Students should refer to GE guide for specific GE requirements		Interdisciplinary Environmental Public Health Specialization Courses (27-28 Credit Hrs)	
		EARTHSCI 2203 Environmental Geoscience	3
General Education Foundation Courses (24 Credit Hrs)		EARTHSCI 3411 Water Security for the 21 st Century (SP)	3
Writing and Information Literacy (English 1110.XX)	3	PUBHEHS 3320 Fundamentals of EH Risk Assmt (SP)	3
Mathematical and Quantitative Reasoning (Math 1151 or higher)	5	PUBHEHS 4530 Food Safety & Public Health (SP)	3
		PUBHEHS 5315 Principles of Toxicology (SP)	3
Literary, Visual and Performing Arts	3	PUBHEHS 5335 Ecology of Infectious Disease (SP)	3
Historical and Cultural Studies	3	PUBHEHS 5340 Air Contaminants & Public Health (SP)	3
Natural Science (Biology 1113 recommended)	4	PUBHEPI 3411 PH Field Investigation (formerly 5411)	3
Social and Behavioral Sciences	3	Select one course from the following (Credit Hrs included above)	
Race, Ethnic and Gender Diversity	3	EARTHSCI 5203 Geo-Environment & Human Health	3
GE Themes (9 Credit Hrs)		EARTHSCI 5663 Global Change & Sustainability in ES	4
Theme 1: (Required) Citizenship for a Diverse and Just World (select two courses)	6	PUBHEHS 4330 Environmental Epigenetics	3
		Selective (select from list on page 3) 3 Credit Hrs	
Theme 2: Theme of your choice (select one course)	3*	Capstone (3-4 Credit Hrs)	
*Students can overlap one approved Public Health Foundation Course for the Health and Well-Being Theme (PUBHLTH 2010, PUBHEPI 2410, PUBHHBP 3510, PUBHHMP 3610) or the Lived Environment (PUBHEHS 3310) Theme.		All students must take Public Health 3180 or 3180E (Capstone Preparation course) and then choose one of the following:	1
GE Bookends (2 Credit Hrs)		PUBHLTH 3191/3191E Internship/Honors Internship or Approved Ed Abroad or 3999 or 4999/4999.01H	2-3
GENED 1201 (Launch Seminar)	1	Total hours of overlap between both degrees (9 Credit Hrs)	
GENED 4001 (Reflection Seminar)	1	PUBHLTH 6001 Methods in Quantitative Data Analysis	4
First Year Survey Course (1 credit)		PUBHLTH 6002 History, Values & Essential Services of the U.S. Public Health System	2
PUBHLTH 1100 Survey of Public Health	1		
Eligibility for the Combined Degree BSPH/MPH requires prior admission to the BSPH major		PUBHBIO 6211 Applied Biostatistics II	3
Major Requirements C- or higher required in all major courses		Graduate Courses unique to graduate degree (36 Credit Hrs)	
Required Public Health Foundation Courses (18 Credit Hrs) **One of these foundation courses can overlap with GE Theme**		PUBHLTH 6003 Methods in PH Planning & Evaluation	2
		PUBHLTH 6004 Essentials of Population Health	4
		PUBHBIO 6270 Introduction to SAS for PH students	2
PUBHBIO 2210 or 2210(H) Biostatistics for PH Research	3	PUBHBIO 6250 Regression Methods for Health Sciences	3
**PUBHEHS 3310 Current Issues in Global Env Health	3	PUBHEPI 6411 Biological Basis of Public Health	3
**PUBHLTH 2010 Critical Issues in Global Public Health	3	PUBHEPI 6431 Design & Implementation Health Surveys	3
**PUBHHBP 3510 Role of Behavior in Public Health	3		
**PUBHEPI 2410 Epidemiology in Public Health	3	PUBHEPI 6442 Social Epidemiology	3
**PUBHHMP 3610 U.S. & International Health Care	3	MPH EPI elective	3
Required Interdisciplinary Specialization Courses (25 Credit Hrs)		PUBHEPI 7410 Epidemiology II and Lab	4
CHEM 1210 General Chemistry I	5	PUBHEPI 7430 Epidemiology III	4
CHEM 1220 General Chemistry II	5	PUBHLTH 7189 Applied Practice Experience	2
CHEM 2510 Organic Chemistry I	4	PUBHEPI 7998 Integrative Learning Experience Seminar	1
CHEM 2540 Organic Chemistry Lab I	2	PUBHLTH 7998 Integrative Learning Experience	2
MICROBIOLOGY 4000.01 Basic & Practical Microbiology	4	Undergraduate and Graduate total minimum	
PHYSICS 1200 Mechanics, Kinematics, Fluids, Waves	5	Credit Hrs	
		157	

**2023-2024 Bachelor of Science in Public Health - Environmental Public Health
Specialization/Master of Public Health-Epidemiology Sample 5 year plan**

Autumn 1	Credit Hrs	Spring 1	Credit Hrs	Summer 1	Credit Hrs
English 1110.OX	3	Chemistry 1220	5		
Chemistry 1210	5	Biology 1113	4		
Math 1151	5	PUBHLTH 2010	3		
GENED 1201	1	PUBHEHS 3310	3		
PUBHLTH 1100	1	Social and Behavioral Sciences GE	3		
PUBHHBP 3510	3				
Total	18	Total	18		
Autumn 2	Credit Hrs	Spring 2	Credit Hrs	Summer 2	Credit Hrs
Chemistry 2510	4	PUBHHMP 3610	3		
PUBHBIO 2210 or 2210H	3	PUBHEHS 3320	3		
Historical and Cultural Studies GE	3	CHEM 2540	2		
PHYSICS 1200	5	PUBHEHS 4530	3		
Literary, Visual & Performing Arts GE	3	PUBHEPI 3411	3		
		Approved Selective	3		
Total	18	Total	17		
Autumn 3	Credit Hrs	Spring 3	Credit Hrs	Summer 3	Credit Hrs
MICROBIOLOGY 4000.01	4	EARTHSCI 3411	3	BSPH Capstone	2
PUBHEPI 2410	3	PUBHEHS 4330 or EARTHSCI 5663 or 5203	3-4		
Race, Ethnic and Gender Diversity GE	3	PUBHEHS 5335	3		
EARTHSCI 2203	3	PUBHLTH 3180 (Capstone Prep)	1		
GE THEME COURSE: Citizenship for a Diverse and Just World	3	PUBHEHS 5315	3		
		PUBHEHS 5340	3		
Total	16	Total	16-17	Total	2
Autumn 4	Credit Hrs	Spring 4	Credit Hrs	Summer 4	Credit Hrs
GE Theme course	3	PUBHLTH 6003 Methods (G credit only)	2	PUBHLTH 7189 Applied Practice Experience	2
PUBHLTH 6001 Methods (U/G overlap)	4	PUBHLTH 6004 Essentials (G credit only)	4		
PUBHLTH 6002 History, Values (U/G overlap)	2	PUBHBIO 6211 Designs Health Sciences II (U/G overlap)	3		
PUBHBIO 6270 Intro to SAS (G credit only)	2	GENED 4001	1		
PUBHEPI 6431 Design (G credit only)	3	GE Theme course	3	Total	2
		PUBHEPI 7410 EPI II with Lab (G credit only)	4		
Total	15	Total	14-17		
Autumn 5	Credit Hrs	Spring 5	Credit Hrs		
PUBHEPI 7430 Epidemiology III	4	MPH-EPI Approved Elective	3		
PUBHBIO 6250 Regression Methods	3	PUBHEPI 6411 Biological Basis of Pub Health	3		
PUBHEPI 7998 Integrative Learn Exp. Seminar	1	PUBHLTH 7998 Integrative Learning Exp	2		
PUBHEPI 6442 Social Epidemiology	3				
Total	11	Total	8		

Selective Options:

EARTHSC 2204 Exploring Water Issues (3)
EARTHSC 4450 Water, Ice, & Energy in the Earth System (3)
EARTHSC 5203 Geo-Environment & Human Health (3)
EARTHSC 5651 Hydrogeology (4)
EARTHSC 5663 Global Change & Sustainability in Earth Sys (4)
PUBHLTH 3998 Undergraduate Public Health Research (2)
PUBHLTH 5015 Public Health Data Analytics (3)
PUBHEHS 3330 Global Pandemics and Public Health (3)
PUBHEHS 4325 Climate Change and Human Health (3)
PUBHEHS 4330 Environmental Epigenetics (3)
PUBHEHS 4340 Molecular Techniques for Environmental Health Sciences (3)
PUBHEHS 5325 Princ of Occupational Health Science (3)
PUBHEHS 5395 Engineering Design Environmental Health (3)
PUBHEPI 5412 Infectious Disease Epidemiology (3)
ENR 2100 Intro to Environmental Science (3)
ENR 3000 Soil Science (3)
GEOG 2800 Our Global Environment (3)
GEOG 5210 Fundamentals of GIS (3)
VETPREV 5721 How Animals Can Make You Sick (3)