

2015-2016 Bachelor of Science in Public Health - Environmental Public Health Specialization/ MPH-Environmental Health Sciences

Undergraduate courses		Undergraduate Interdisciplinary Specialization Courses III (Select 1)	
General Education (GE) Requirements	Hours	PUBHEPI 5411 AU Outbreak Investigations	3
English 1110.OX	3	PUBHEHS 3320 Fundamentals of Environmental Health Risk Assessment	3
Level 2 Writing- Any 2367 Course	3	PUBHEHS 5320 Climate Change & Human Health	3
Literature	3	Capstone Experience	
Visual and Performing Arts	3	All students must take Public Health 3180 or 3180E (Undergraduate Capstone Preparation) and then choose one of the following:	
Math 1148/1149 or 1150	5-7	PUBHLTH 3189.01, .02, or .03, .04 or 3189.01E, 3189.02E, 3189.03E Field Experience (Study Abroad)	3
Statistics 1350 or 1450	3	PUBHLTH 3191 or 3191E Internship or Honors Internship	2
Biology 1113	4	PUBHLTH 3999 Undergraduate Capstone Research	2
Microbiology 4000	4	PUBHLTH 4999.01H Senior Honors Thesis	2
Physics 1200	5	Graduate Courses	
Historical Study	3	Graduate Public Health Core Courses	
Culture & Ideas or other Historical Study	3	PUBHEPI 6410 Principles of Epidemiology	3
Sociology 1101	3	PUBHHMP 6610 Introduction to Health Care Organization	3
2nd Social Science (from Social Science subcategory A or C)	3	PUBHEHS 6315 Advanced Environmental Health Science	3
Language Proficiency through 1103 or credit by exam	12	PUBHBIO 6210 Design & Analysis of Studies in the Health Sciences I	3
Social Diversity in the United States (Sociology 1101)	-	PUBHHBP 6510 Preventing Disease & Promoting Health	3
Global Studies (Intended to overlap with other GE courses)	0-6	Required courses in the Environmental Health Science specialization:	
Math 1151 (fulfills GE Open Option)	5	PUBHEHS 5315 Principles of Toxicology	3
Biology 1114 (fulfills GE Open Option)	4	PUBHEHS 5325 Principles of Occupational Health Science	3
GE total	66-74	PUBHEHS 6320 Global Health & Environmental Microbiology	3
PUBHLTH 1100 (Survey of Public Health)	1	PUBHEHS 7365 Principles of Risk Assessment	3
BSPH Major Admission Requirements: English 1110.OX, Math 1148/1149 or 1150 or higher, Biology 1113, Sociology 1101		PUBHEHS 7380 Exposure Science Monitoring Techniques	3
Minimum 2.80 cumulative GPA, 30 credit hours, C or higher in all prerequisite courses (all overlap with GE requirements)		PUBHEHS 7899 Seminar in Environmental Health Sciences	1
Undergraduate Public Health Core Courses (all 18 hours required) C- or higher required in all undergraduate major courses		PUBHEHS 7390 Major Human Diseases in Global Public Health	3
PUBHLTH 2010 Introduction to Global Public Health	3	Electives	6
PUBHBHIO 2210 or 2210H Biostatistics for PH Research	3	PUBHLTH 7189 Practicum	2
PUBHEHS 3310 Global Environmental Health	3	PUBHLTH 7998 Culminating Project	3
PUBHEPI 2410 Introduction to Epidemiology	3		
PUBHHBP 3510 Role of Behavior in Public Health	3		
PUBHHMP 4650 US and International Health Care	3		
Undergraduate Interdisciplinary Specialization Courses I (all 16 hours required)			
Chemistry 1210 General Chemistry I	5		
Chemistry 1220 General Chemistry II	5		
Chemistry 2510 Organic Chemistry Lecture	4		
Chemistry 2540 Organic Chemistry Lab	2		
Undergraduate Interdisciplinary Specialization Courses II (Select 2)			
Earth Science 2203 AU/SP Environmental Geoscience	3		
Earth Science 2204 Exploring Water Issues	3		
Earth Science 3203 Basic Science, Research, & Implications for Society	3		
Earth Science 3411 AU Water Security for the 21 st century	3		
Earth Science 5203 SP Geo-Environment and Human Health	3		

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MPH-Environmental Health Sciences
Sample 5 year plan**

Autumn 1	Credits	Spring 1	Credits	Summer 1	Credits
English 1110.OX	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	17	Total	17		
Autumn 2	Credits	Spring 2	Credits	Summer 2	Credits
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 2201H	3		
Total	17	Total	15		
Autumn 3	Credits	Spring 3	Credits	Summer 3	Credits
Biology 1114	4	PUBHHBP 3510	3	BSPH Capstone	2
Literature GE	3	Interdisciplinary Spec II course	3		
PUBHHMP 4650	3	Historical Study GE	3		
Interdisciplinary Spec II course	3	Physics 1200	5		
Language 3 (1103)	4	PUBHLTH 3180 Capstone prep	1		
Total	17	Total	15	Total	2
Autumn 4	Credits	Spring 4	Credits	Summer 4	Credits
Microbiology 4000	4	PUBHEPI 6410 Epidemiology*	3	PUBHLTH 7189 Practicum	2
PUBHBIO 6210 Biostatistics*	3	Cultures & Ideas or Historical Study GE	3		
Interdisciplinary Spec III course	3	PUBHEHS 5315 *^Toxicology	3		
PUBHEHS 5325 *^ Occ Health	3	Other Social Science GE	3		
		Undergraduate Elective	0-2	Total	2
Total	13	Total	12-14	Min Total Credits BSPH 126	
Autumn 5	Credits	Spring 5	Credits	Summer 5	Credits
PUBHEHS 6315 Adv Env Hlth	3	PUBHEHS 7390 Major Human Diseases	3		
PUBHHBP 6510 Prev Disease	3	PUBHEHS 7365 Risk Assessment	3		
PUBHHMP 6610 Hlth Care Org	3	PUBHLTH 7998 Culminating Project	3		
PUBHEHS 6320 Microbiology	3	Elective	3		
PUBHEHS 7380 Exp Sci Monitor	3	Elective	3		
		PUBHEHS 7899 Seminar	1		
Total	15	Total	16		
		Min. Total Credits MPH	45		

*Bold highlighted courses count toward both BSPH-EPH and MPH-EHS degree programs (14 hours)

^Students should make sure they enroll in the Graduate Section of this course (there is an undergraduate section offered)