

2017-2018 Bachelor of Science in Public Health - Environmental Public Health Specialization/ Master of Public Health-Epidemiology

		Earth Science 2204 Exploring Water Issues	3
		Earth Science 3203 Basic Science, Research, & Implications for Society	3
Undergraduate courses		Earth Science 3411 AU Water Security for the 21 st century	3
General Education (GE) Requirements	Hours	Earth Science 5203 SP Geo-Environment and Human Health	3
Students should refer to GE guide for GE course selection			
English 1110.0X	3		
Level 2 Writing- Any 2367 Course	3	Undergraduate Interdisciplinary Specialization Courses III (Select 2)	
Literature	3	PUBHEPI 5411 Outbreak Investigations	3
Visual and Performing Arts	3	PUBHEHS 3320 Fundamentals of Environmental Health Risk Assessment	3
Math 1148/1149 or 1150	5-7	PUBHEHS 5320 Climate Change & Human Health	3
Statistics 1350 or 1450	3	PUBHEHS 5315 SP Principles of Toxicology	3
Biology 1113	4	PUBHEHS 5325 AU Principles of Occupational Health	3
Microbiology 4000	4	Capstone Experience	
Physics 1200	5	All students must take Public Health 3180 or 3180E (Undergraduate Capstone Preparation) and then choose one of the following:	1
		PUBHLTH 3189.01, .02, .03, or .04 or 3189.01E, 3189.02E, 3189.03E Field Experience (Education Abroad)	3
Historical Study	3	PUBHLTH 3191 or 3191E Internship or Honors Internship	2
Culture & Ideas or other Historical Study	3	PUBHLTH 3999 Undergraduate Capstone Research	2
Sociology 1101	3	PUBHLTH 4999.01H Senior Honors Thesis	2
2nd Social Science (from Social Science subcategory A or C)	3	Graduate Courses	
Language Proficiency 1101, 1102, 1103 or credit by exam	12	Graduate Public Health Core Courses (all 16 hours required)	
US Social Diversity (Sociology 1101)	-	PUBHEPI 6430 Epidemiology I and Lab	4
Global Studies (Overlap with other GE courses)	0-6	PUBHHMP 6610 Introduction to Health Care Organization	3
Math 1151 (fulfills GE Open Option)	5	PUBHEHS 6310 Principles of Environmental Health Science	3
Biology 1114 (fulfills GE Open Option)	4	PUBHBIO 6210 Design & Analysis of Studies in the Health Sciences I	3
GE Total	66-74	PUBHHBP 6510 Preventing Disease & Promoting Health	3
PUBHLTH 1100 (Survey of Public Health)	1	Required courses in the Epidemiology specialization	
BSPH Major Admission Requirements: English 1110.0X, Math 1148/1149 or 1150 or higher, Biology 1113, Sociology 1101		PUBHBIO 6211 Design & Analysis of Studies in the Health Sciences II	3
Minimum 2.80 cumulative GPA, 30 credit hours, C or higher in all prerequisite courses (all overlap with GE requirements)		Additional Biostatistics course (choose from PUBHBIO 6212, 7220, 7255, 7230, or 7235)	3
Undergraduate Public Health Core Courses (all 15 hours required)		PUBHBIO 6270 Introduction to SAS for Public Health students	2
C- or higher required in all undergraduate major courses			
PUBHLTH 2010 Introduction to Global Public Health	3	PUBHEPI 6411 Biological Basis of Public Health	3
PUBHEHS 3310 Global Environmental Health	3	PUBHEPI 6431 Design & Implementation of Health Surveys	3
PUBHEPI 2410 Introduction to Epidemiology	3	PUBHEPI 7410 Epidemiology II and Lab	4
PUBHHBP 3510 Role of Behavior in Public Health	3	PUBHEPI 7430 Epidemiology III	4
PUBHHMP 4650 US and International Health Care	3	MPH-EPI Approved Electives	5
Undergraduate Interdisciplinary Specialization Courses I (all 16 hours required)		PUBHLTH 7189 Practicum	2
Chemistry 1210 General Chemistry I	5	PUBHEPI 7998 Culminating Project Seminar	1
Chemistry 1220 General Chemistry II	5	PUBHLTH 7998 Culminating Project	2
Chemistry 2510 Organic Chemistry Lecture	4	Undergraduate and Graduate total minimum hours	161
Chemistry 2540 Organic Chemistry Lab	2		
Undergraduate Interdisciplinary Specialization Courses II (Select 2)			
Earth Science 2203 AU/SP Environmental Geoscience	3		

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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 & 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	2nd Writing (any 2367 course)	3		
Statistics 1350 or 1450	3	Language 2 (1102)	4		
PUBHEHS 3310	3	Interdisciplinary Spec II course	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	PUBHLTH 3180 (capstone prep)	1		
PUBHHMP 4650	3	Historical Study GE	3		
Language 3 (1103)	4	Physics 1200	5		
Other Social Science GE	3	Interdisciplinary Spec II Course	3		
Total	17	Total	15	Total	2
Autumn 4	Credits	Spring 4	Credits	Summer 4	Credits
PUBHBIO 6210 Biostat I*	3	PUBHBIO 6211 Biostats II*	3	PUBHLTH 7189	2
PUBHEPI 6430 Epidemiology I*	4	PUBHEPI 7410 Epidemiology II*	4		
Microbiology 4000	4	Cultures & Ideas or Historical Study GE	3		
Interdisciplinary Spec Course III	3	Interdisciplinary Spec Course III	3		
PUBHBIO 6270 SAS*	2				
Total	16	Total	13	Min. Total Credits BSPH	126
Autumn 5	Credits	Spring 5	Credits		
PUBHEHS 6310 Env Health	3	PUBHHBP 6510 Prev Disease	3		
PUBHEPI 6411 Biol Disease	3	PUBHEPI 6431 Health Surveys	3		
PUBHHMP 6610 Hlth Care Org	3	PUBHLTH 7998 Culminating Project	2		
Additional Biostatistic course	3	MPH-EPI Approved Electives	5		
PUBHEPI 7430 Epidemiology III	4	Total	13		
PUBHEPI 7998 Culm Proj Seminar	1				
Total	17	Min. Total Credits MPH	48		

*Bold highlighted courses for Autumn 4 and Spring 4 count (16 credits) toward both BSPH-EPH and MPH-EPI Programs