

## Bachelor of Science in Public Health/Master of Public Health Environmental Public Health Specialization/Epidemiology

Course	Credit Hours
<b>General Education (GE) Requirements</b> Students should refer to GE guide for specific GE requirements	
<b>General Education Foundation Courses (24 credit hours)</b>	
Writing and Information Literacy (ENGLISH 1110.XX)	3
Mathematical and Quantitative Reasoning (MATH 1148 & 1149 or 1150 recc to overlap)	5-7
Literary, Visual and Performing Arts	3
Historical and Cultural Studies	3
Natural Science (A GE Biology course is recommended)	4
Social and Behavioral Sciences	3
Race, Ethnic and Gender Diversity	3

<b>GE Themes (9-12 credit hours)</b>	
Theme 1: (Required) Citizenship for a Diverse and Just World (select two courses)	6
Theme 2: Theme of your choice (select one course)	3**
**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.	

<b>GE Bookends (2 credit hours)</b>	
GENED 1201 (Launch Seminar)	1
GENED 4001 (Reflection Seminar)	1

<b>First Year Survey Course (1 credit hour)</b>	
PUBHLTH 1100 Survey of Public Health	1

<b>BSPH Major Admission Requirements</b>	
MATH 1148 & 1149 or MATH 1150 with a C grade or higher, minimum 2.50 cumulative GPA and completion of 15 credit hours	

<b>Major Requirements C- or higher required in all major courses</b>	
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<b>Required Public Health Foundation Courses (18 credit hours)</b>	
PUBHBIO 2210 or 2210(H) Biostatistics for Public Health Research	3
**PUBHEHS 3310 Current Issues in Global Environmental Health	3
**PUBHLTH 2010 Critical Issues in Global Public Health	3
**PUBHHBP 3510 Role of Behavior in Public Health	3
**PUBHEPI 2410 Epidemiology in Public Health	3
**PUBHHMP 3610 U.S. & International Health Care	3

<b>Required Interdisciplinary Specialization Courses (25 credit hours)</b>	
CHEM 1210 General Chemistry I	5
CHEM 1220 General Chemistry II	5
CHEM 2510 Organic Chemistry I	4
CHEM 2540 Organic Chemistry Lab I	2
MICROBIOLOGY 4000.01 or 4000.02 Basic and Practical Microbiology	4
PHYSICS 1200 Mechanics, Kinematics, Fluids, Waves	5

<b>Interdisciplinary Environmental Public Health Specialization Courses (27-28 credit hours)</b>	
EARTHSCI 2203 Environmental Geoscience	3
EARTHSCI 3411 Water Security for the 21st Century (SP)	3
PUBHEHS 3320 Fundamentals of Environmental Health Risk Assessment (SP)	3
PUBHEHS 4530 Food Safety & Public Health (SP)	3
PUBHEHS 5315 Principles of Toxicology (SP)	3
PUBHEHS 5335 Ecology of Infectious Diseases (SP)	3
PUBHEHS 5340 Air Contaminants & Public Health (SP)	3
PUBHEPI 3411 Public Health Field Investigation	3
<b>Select one course from the following (credit hours included above)</b>	
EARTHSCI 5203 Geo-Environment & Human Health	3
EARTHSCI 5663 Global Change & Sustainability in the Earth System	4
PUBHEHS 4330 Environmental Epigenetics	3

## 2024-2025 Curriculum Guide

(including General Education, Admissions requirements and Major requirements)

Course	Credit Hours
<b>Capstone (3-4 credit hours)</b>	
PUBHLTH 3180 or 3180E (Capstone Preparation course, required of all students)	1
<b>Select one Capstone Course:</b>	
PUBHLTH 3191/3191E Internship/Honors Internship	2
EARTHSCI 5797.20 Exploring Environmental and Human Health Issues in	3
PUBHLTH 3999 Undergraduate Capstone Research	2
PUBHLTH 4999/4999.01H Research Thesis	2
<b>Overlap of credit hours between Bachelor's and Master's Degree (9 credit hours)</b> Students are not required to take 9 credit hours of undergraduate major selectives if pursuing the combined degree	
PUBHLTH 6001 Methods in Quantitative Data Analysis	4
PUBHLTH 6002 History, Values & Essential Services of U.S. PH System	2
PUBHBIO 6211 Applied Biostatistics II	3
<b>Graduate courses unique to the MPH degree (36 credit hours)</b>	
PUBHLTH 6003 Methods in Public Health Planning & Evaluation	2
PUBHLTH 6004 Essentials of Population Health	4
PUBHBIO 6270 Introduction to SAS for Public Health students	3
PUBHBIO 6250 Regression Methods for the Health Sciences	3
PUBHEPI 6411 Biological Basis of Public Health	3
PUBHEPI 6431 Design & Implementation of Health Surveys	3
PUBHEPI 6442 Social Epidemiology	3
PUBHEPI 5412 Global Epi of Infectious Disease (fulfilling MPH elective)	3
PUBHEPI 7410 Epidemiology II	3
PUBHEPI 7430 Epidemiology III	1
PUBHLTH 7189 Applied Practice Experience	3
PUBHEPI 7998: Integrative Learning Experience Project Seminar	2
PUBHLTH 7998 Integrative Learning Experience for Public Health	3
<b>Total Credit Hours</b>	<b>157-164</b>

Office of Academic Programs and Student Services College of Public Health 100  
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614-292-8350

**Bachelor of Science in Public Health Environmental Public Health/Master of Public Health-Epidemiology**
**5 year plan**

Autumn 1	Credit Hours
ENGLISH 1110.0X	3
MATH 1148 or 1150 (4 or 5 credits)	5
Social and Behavioral Science GE	3
Historical and Cultural Studies GE	3
PUBHLTH 1100	1
PUBHLTH 2010	3
<b>Total Hours</b>	<b>18</b>

Spring 1	Credit Hours
CHEM 1210	5
PUBHEHS 3310	3
MATH 1149 (if 1148 was taken)	3
GE Natural Science (Biology GE recommended)	4
GENED 1201 (Launch Seminar)	1
<b>Total Hours</b>	<b>16</b>

Autumn 2	Credit Hours
PUBHHMP 3610	3
CHEM 1220	5
PUBHEPI 2410	3
PHYSICS 1200	5
<b>Total Hours</b>	<b>16</b>

Spring 2	Credit Hours
CHEM 2510	4
CHEM 2540	2
PUBHBIO 2210 or 2210H	3
Literary, Visual & Performing Arts GE	3
PUBHEPI 3411	3
PUBHHBP 3510	3
<b>Total Hours</b>	<b>18</b>

Autumn 3	Credit Hours
MICROBIOLOGY 4000.01 or .02	4
Race, Ethnic and Gender Diversity GE	3
EARTHSCI 2203	3
GE ThEME COURSE: CITIZENSHIP	3
GE THEME COURSE	3
<b>Total Hours</b>	<b>16</b>

Spring 3	Credit Hours	Summer 3	Credit Hours
PUBHLTH 3180	1	BSPH Capstone	2
PUBHEHS 5340	3		
EARTHSCI 3411	3		
PUBHEHS 4530	3		
PUBHEHS 5335	3		
PUBHEHS 5315	3	<b>Total Hours</b>	<b>2</b>
<b>Total Hours</b>	<b>16</b>		

Autumn 4	Credit Hours
GE THEME COURSE: CITIZENSHIP (U)	3
Select one of three Interdisciplinary EPH specialization courses (U)	3
PUBHLTH 6001 (U/G OVERLAP)	4
PUBHLTH 6002 (U/G OVERLAP)	2
PUBHBIO 6270 (G)	2
PUBHEPI 6431 (G)	3
<b>Total Hours</b>	<b>17</b>

Spring 4	Credit Hours	Summer 4	Credit Hours
GENED 4001 (U)	1	PUBHLTH 7189	2
PUBHEHS 3320 (U)	3		
PUBHLTH 6003 (G)	2		
PUBHLTH 6004 (G)	4		
PUBHBIO 6211 (U/G OVERLAP)	3		
PUBHEPI 7410 (G)	4	<b>Total Hours</b>	<b>2</b>
<b>Total Hours</b>	<b>17</b>		

Autumn 5 <sup>^</sup>	Credit Hours
PUBHEPI 7430	4
PUBHBIO 6250	3
PUBHEPI 7998	1
PUBHEPI 6442	3
<b>Total Hours</b>	<b>11</b>

Spring 5 <sup>^</sup>	Credit Hours	<b>Key</b>
PUBHEPI 5412	3	U= undergraduate only
PUBHEPI 6431	3	G= graduate only
PUBHLTH 7998	2	U/G=undergraduate/graduate credit
<b>Total Hours</b>	<b>8</b>	<sup>^</sup> All courses in Year 5 are taken for graduate credit
<b>Total Hours</b>	<b>157</b>	