Bachelor of Science in Public Health
Environmental Public Health Specialization
2019-2020 Curriculum Guide
(including General Education, Admissions requirements, and Major coursework)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>General Education (GE) Requirements</strong></td>
<td></td>
<td><strong>Interdisciplinary Specialization Courses I (16 credits)</strong></td>
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<tr>
<td>English 1110.0X</td>
<td>3</td>
<td>Chemistry 1210 General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>Level 2 Writing- Any 2367 Course</td>
<td>3</td>
<td>Chemistry 1220 General Chemistry II</td>
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<tr>
<td>Literature</td>
<td>3</td>
<td>Chemistry 2510 Organic Chemistry Lecture</td>
<td>4</td>
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<tr>
<td>Visual and Performing Arts</td>
<td>3</td>
<td>Chemistry 2540 Organic Chemistry Lab</td>
<td>2</td>
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<tr>
<td>Math 1148/1149 or 1150</td>
<td>5-7</td>
<td><strong>Interdisciplinary Specialization Courses II (9 credits)</strong></td>
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<tr>
<td>Statistics 1350 or 1450</td>
<td>3</td>
<td>Earth Science 2203 AU/SP Environmental Geoscience</td>
<td>3</td>
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<tr>
<td>Biology 1113</td>
<td>4</td>
<td>Earth Science 2204 AU/SP Exploring Water Issues</td>
<td>3</td>
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<tr>
<td>Microbiology 4000.01</td>
<td>4</td>
<td>Earth Science 3203 Basic Science, Research, &amp; Implications for Society</td>
<td>3</td>
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<tr>
<td>Physics 1200</td>
<td>5</td>
<td>Earth Science 3411 Water Security for the 21st century</td>
<td>3</td>
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<tr>
<td>Historical Study</td>
<td>3</td>
<td>Earth Science 5203 SP Geo-Environment &amp; Human Health</td>
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<tr>
<td>Culture &amp; Ideas or other Historical Study</td>
<td>3</td>
<td><strong>Interdisciplinary Specialization Courses III (8-9 credits)</strong></td>
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<tr>
<td>Sociology 1101</td>
<td>3</td>
<td>PUBHEPI 5411 AU Outbreak Investigations</td>
<td>3</td>
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<tr>
<td>2nd Social Science (from Social Science subcategory A or C)</td>
<td>3</td>
<td>PUBHEPI 5412 Infectious Diseases Developing World</td>
<td>3</td>
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<tr>
<td>Foreign Language through 1103 or credit by exam</td>
<td>12</td>
<td>PUBHEPI 5438 Cardiovascular Disease Epidemiology</td>
<td>3</td>
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<tr>
<td>Social Diversity in the United States (Sociology 1101)</td>
<td>-</td>
<td>PUBHEHS 3320 SP Fundamentals of Environmental Health Risk Assessment</td>
<td>3</td>
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<tr>
<td>Global Studies (Intended to overlap with other GE courses)</td>
<td>0-6</td>
<td>PUBHEHS 4530 SP Food Safety &amp; Public Health</td>
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<tr>
<td>Math 1151 (fulfills GE Open Option)</td>
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<td>PUBHEHS 5320 Climate Change &amp; Human Health</td>
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<tr>
<td>Biology 1114 (fulfills GE Open Option)</td>
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<td>PUBHEHS 5315 SP Principles of Toxicology</td>
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<tr>
<td><strong>GE Total Hours</strong></td>
<td>66-74</td>
<td>PUBHEHS 5325 AU Principles of Occupational Health Science</td>
<td>3</td>
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<tr>
<td>PUBHLTH 1100 Survey of Public Health</td>
<td>1</td>
<td><strong>Capstone Experience (3-4 credits)</strong></td>
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<tr>
<td><strong>BSPH Major Admission Requirements</strong></td>
<td></td>
<td>All students must take Public Health 3180 or 3180E (Undergraduate Capstone Preparation)</td>
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<tr>
<td>(all courses overlap with GE requirements):</td>
<td></td>
<td><strong>And then choose one of the following:</strong></td>
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<tr>
<td>English 1110.0X</td>
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<td>PUBHLTH 3189.03 ,04 or 3189.03E 3189.04E Field Experience (Education abroad)</td>
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<tr>
<td>Math 1148/1149 or 1150 or higher</td>
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<td>PUBLTH 3191 Internship or 3191E Honors Internship</td>
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<tr>
<td>Biology 1113</td>
<td></td>
<td>PUBLTH 3999 Undergraduate Capstone Research</td>
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<tr>
<td>Sociology 1101</td>
<td></td>
<td>PUBLTH 4999 Undergraduate Research Thesis or 4999.01H Senior Honors Thesis</td>
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</table>

**Major Requirements C- or higher required in all major courses**

**Public Health Core Courses (18 credits)**
- PUBHLTH 2010 Introduction to Global Public Health 3
- PUBHBIO 2210 or 2210(H) Biostatistics for PH Research 3
- PUBHEHS 3310 Current Issues Global Environmental Health 3
- PUBHHBP 3510 Role of Behavior in Public Health 3
- PUBHEPI 2410 Introduction to Epidemiology 3
- PUBHHMP 4650/3610 US and International Health Care 3

**Major Elective credits**
Select six credits from interdisciplinary specialization courses not already used. Other approved courses that fulfill Major Electives:
- Earth Science 5651 Hydrogeology (3)
- Environ & Nat Resources 2100 Intro to Environmental Science (3)
- Environ & Nat Resources 3000 Soil Science (3)
- Geography 2800 Our Global Environment (3)
- Geography 5220 Fundamentals of GIS (3)
- PUBHLTH 5015 Public Health Data Analytics (3)
- PUBHEHS 5330 Environmental Epigenetics (3)
- PUBHLTH 3998 Undergraduate Public Health Research Sem. (2)

**Total Minimum Credits: 126**
Bachelor of Science in Public Health - Environmental Public Health Specialization  
Suggested 4 year plan

<table>
<thead>
<tr>
<th>Autumn 1</th>
<th>Hours</th>
<th>Spring 1</th>
<th>Hours</th>
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<tbody>
<tr>
<td>English 1110.0X</td>
<td>3</td>
<td>Math 1151</td>
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<tr>
<td>Chemistry 1210</td>
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<td>Math 1150</td>
<td>5</td>
<td>Biology 1113</td>
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<td>Visual and Performing Arts GE</td>
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<td>PUBHLTH 1100</td>
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<th>Autumn 2</th>
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<tr>
<td>Chemistry 2510</td>
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<td>PUBHLTH 2010</td>
<td>3</td>
<td>PUBHEPI 2410</td>
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<td>Language 1 (1101)</td>
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<td>2nd Writing (any 2367 course)</td>
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<tr>
<td>PUBHEHS 3310</td>
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<td>PUBHBIO 2210 or 2210H</td>
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<tr>
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<td>Biology 1114</td>
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<td>PUBHHBP 3510</td>
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<td>Interdisciplinary Spec Course II</td>
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<td>PUBHHMP 4650/3610</td>
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<td>Historical Study GE</td>
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<td>Interdisciplinary Spec Course II</td>
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<td>Physics 1200</td>
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<tr>
<td>Language 3 (1103)</td>
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<td><strong>Total Hours</strong></td>
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<td><strong>Total Hours</strong></td>
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<thead>
<tr>
<th>Autumn 4</th>
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<tr>
<td>Microbiology 4000.01</td>
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<td>Capstone*</td>
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<tr>
<td>Interdisciplinary Spec Course III</td>
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<td>Culture &amp; Ideas or Historical Study GE</td>
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<td>Public Health 3180 (capstone prep)</td>
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<td><strong>Total Hours</strong></td>
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