Students must complete all General Education requirements and all Major requirements. Any acceptable General Education course which is also required in the major may apply to (double-count in) both required areas. Courses common to the areas of World Cultures, Arts and Humanities, and Social and Historical Studies may also double count. However, credit for such courses counts only once toward the total required credits for a degree.

Environmental Health (EHBSPH)
B.S.P.H. in Environmental Health degree (120 minimum credits)
2.5 GPA required for admission. 2.0 GPA required for graduation.
2.0 GPA required in all graded major courses.
No Pass/Fail except for free electives.
Effective for students matriculating summer 2017

General Education (20 – 39 credits)
(General Education Bulletin at: www.indiana.edu/~bulletin/iub)

English Composition (0 to 3 credits, C minimum required)
Complete one of the following options:
___ 3 CMLT-C 110 Writing the World
___ 3 ENG-W 131 Elementary Composition
___ 3 ENG-W 170 Projects in Reading and Writing
___ 0 ENG-W 131 EX Elementary Composition Exemption

Mathematical Modeling (3 to 4 credits)
Complete one of the following options:
___ 4 MATH-J 116 AND MATH-D 117 Intro to Finite Mathematics I-II
___ 3 MATH-J 113 Introduction to Calculus with Applications
___ 3 MATH-M 106 The Mathematics of Decision & Beauty
___ 3 MATH-M or V or S 118 Finite Mathematics
___ 3 MATH-M or V 119 Brief Survey of Calculus I
___ 4 MATH-M 211 Calculus I
___ 4 MATH-M 213 Accelerated Calculus

Natural and Mathematical Sciences (5 credits)
Complete 5 credits from the list of approved N&M courses in the IUB General Education Bulletin. At least one course must be a natural science (as indicated by an asterisk in the GENED bulletin).

Arts and Humanities (6 credits)
Complete 6 credits from the list of approved A&H courses in the IUB General Education Bulletin.

Social and Historical Studies (6 credits)
Complete 6 credits from the list of approved S&H courses in the IUB General Education Bulletin.

World Languages and Cultures (0 to 14 credits)
Choose one of the following three options:
Complete 6 credits of world culture courses from the list of approved WC courses in the IUB General Education Bulletin.

OR
Achieve competency in a single foreign language equal to successful completion of the four semester sequence in a world language.

OR
Complete a 6-credit international experience in an approved study abroad. A list of approved course choices may be found in the IUB General Education Bulletin.

Major (78-86 credits)

Foundational Anatomy/Physiology (3-10 credits)
Students must acquire at least 3 credits in Anatomy AND Physiology:
This requirement may be completed by taking the following course:
___ 3 MSCI-M 115 Intro to Anatomy & Physiology
Alternatively, students may complete this requirement by completing the following individual Anatomy and Physiology courses:
___ 5 ANAT-A 215 Basic Human Anatomy N&M
___ 5 PHSL-P 215 Physiology N&M

Public Health Core (15 credits, C- min req each course)
Complete each of the following courses:
___ 3 SPH-B 366 Community Health
___ 3 SPH-E 311 Introduction to Epidemiology
(P or C: SPH-Q 381)
___ 3 SPH-P 309 Public Health Administration
___ 3 SPH-Q (or H) 381 Intro to Biostatistics
___ 3 SPH-V 241 (formerly V351), Found. of Environmntl Health N&M

Environmental Health Courses (23 cr., C- min each crse)
Complete each of the following courses:
___ 3 SPH-V 201 introduction to Occupational Safety and Health **
___ 3 SPH-V 214 Environmental Regulations and Code Compliance **
___ 3 SPH-V 215 Food Safety and Sanitation *
___ 3 SPH-V 341 Environmental Hlth Management * (P: V214, V241)
___ 3 SPH-V 442 Introductory Toxicology ** (P: V241, ANAT-A 215, BIOL-L 112/L113/M200, CHEM-C 117/C127, PHSL-P 215)
___ 3 SPH-V 443 Environmental Sampling and Analysis *
(P: BIOL-L 112/L113/M200, CHEM-C 117/C127, PHYS-P 201)
___ 5 SPH-V 496 Field Experience in Public Health (P: completion of all Public Health Core and Environmental Health courses, and departmental permission)
(Contact intern coordinator early in semester prior to internship semester)

Foundational Chemistry (5 cr.)
Complete each of the following courses:
___ 3 CHEM-C 117 Principles of Chemistry and Biochemistry I N&M
___ 2 CHEM-C 127 Principles of Chemistry and Biochem I Lab N&M

Foundational Science (17-18 credits)
Complete each of the following courses:
___ 4 BIOL-L 112 Foundations of Biology: Biologic Mechanisms N&M
___ 3 BIOL-L 113 Biology Laboratory
___ 3 BIOL-M 200 Micro Organisms in Nature and Disease **
___ 4-5 PHYS-P 201 General Physics I (5 cr.) N&M
___ 4-5 PHYS-P 101 Physics in the Modern World (4 cr.) N&M
___ 3 PSY-P 101 Introductory Psychology I N&M

--Required Professional Electives (15 credits) on next page--
Professional Electives (15 credits)

Complete a minimum of 15 credits from one of the following lists:

**List A:**

- 3 BIOL 307 Biodiversity (P: L111/ L112; or permission of instructor)
- 3 BIOL 328 Disease Ecology & Evolution (P: L211)
- 3 BIOL 412 Analysis of Cancer Research (P: L113 & L211)
- 3 BIOL 472 Microbial Ecology (P: junior standing in biology)
- 3 BIOL 473 Ecology (P: L111; R: L318)
- 4 BIOL-M 375 Human Parasitology (P: L111, L112)
- 3 BIOL-M 380 Microbiology of Infectious Disease (P: L211)
- 3 BIOL-Z 373 Entomology (P: one introductory biology course)
- 3 BIOL-Z 476 Biology of Fishes (P: L111, L112, L113)
- 3 GEOG 208 Environment & Society (P: G208 or junior standing)
- 3 GEOG 338 Geographic Information Science
- 3 GEOG 341 Ecological Restoration: Science & Politics (P: G208 or junior standing)
- 3 GEOG 343 Perspectives on Environmental Decisions (P: G208 or junior standing)
- 3 GEOG 347 Water Security & Sustainability
- 3 GEOG 369 The Geography of Food
- 3 GEOG 444 Climate Change Impacts (P: G109 or G304, or permission of instructor)
- 3 GEOG 445 Food, Place, & War
- 3 GEOG 451 Physical Hydrology (P: G107 or G109 and one 300-level physical/biological science course, or consent of instructor)
- 3 GEOG 453 Water & Society
- 3 GEOG 461 Human Dimensions of Global Environmental Change (P: G208 or consent of instructor)
- 3 GEOG 469 Food & Global Poverty (P: junior standing or consent of instructor)
- 3 GEOG 478 Global Change, Food, and Faming Systems (P: G208 or consent of instructor)
- 3 SPEA-E 260 Intro to Water Resources (P: SPEA-E 272 and any biology class)
- 3 SPEA-E 311 Intro to Risk Assessment/Risk Communication
- 3 SPEA-E 316 Insects & the Environment
- 3 SPEA-E 324 Controversies in Environmental Health
- 3 SPEA-E 412 Risk Communication
- 3 SPEA-E 418 Vector-Based Geographic Information Systems
- 3 SPEA-E 431 Water Supply & Wastewater Treatment (P: G208 or junior standing)
- 3 SPEA-E 451 Air Pollution & Control (P: G208 or junior standing)
- 3 SPEA-E 452 Solid and Hazardous Waste Management (P: G208 or junior standing)
- 3 SPEA-E 460 Fisheries & Wildlife Management
- 3 SPEA-E 466 International & Comparative Environmental Policy
- 3 SPEA-V 275 Introduction to Emergency Management
- 3 SPEA-V 412 Leadership & Ethics

**List B:**

- 3 CHEM-C/S 341, Organic Chemistry Lectures I (P: C/S 117)
- 3 CHEM-C/S 342 Organic Chemistry Lectures II (P: C/S 341)
- 3 CHEM-C/S 343 Organic Chemistry Lab I (P: C/S 342)
- 3 CHEM-C 383, Chemical Organization of Living Systems (P: C/S 341 or R 340)
- 3 CHEM-C 483, Biological Chemistry (P: C/S 342 or R 340)
- 5 CHEM-N 330, Intermediate Inorganic Chemistry (P: C/S 342 or R 340; C/S 343)
- 5 PHYS-P 202, General Physics II (P: P 201)

* Generally fall only
** Generally spring only

General Education 20-39
Major 78-86
Free Electives 0-22
## Suggested Course Sequence for Environmental Health
### Strong Math/Science Students

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SPH-V 241 (3), Foundations of Environmental Health</td>
<td>SPH-V 201 (3), Intro to Occupational Safety &amp; Health (spring only)</td>
</tr>
<tr>
<td></td>
<td>CHEM C 117/C 127 (5), Principles of Chemistry &amp; Biochemistry 1 <strong>N&amp;M</strong></td>
<td>BIOL-L 113 (3) Biology Lab</td>
</tr>
<tr>
<td></td>
<td>BIOL-L 112 (4) Foundations of Biology: Biological Mechanisms <strong>N&amp;M</strong></td>
<td>PSY-P 101 (3), Introductory Psychology 1 <strong>N&amp;M</strong></td>
</tr>
<tr>
<td></td>
<td>IUB GenEd A/H (3)</td>
<td>IUB GenEd Math Modeling (3-4)</td>
</tr>
<tr>
<td><strong>30-31 cr.</strong></td>
<td>15 credits</td>
<td>15-16 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SPH-B 366 (3), Community Health</td>
<td>SPH-V 214 (3), Environmental Regulations &amp; Code Compliance (spring only)</td>
</tr>
<tr>
<td></td>
<td>ANAT-A 215 (5), Basic Human Anatomy or MSCI-M 115 (3), Intro to Anatomy &amp; Physiology</td>
<td>SPH-Q 381 (3), Introduction to Biostatistics</td>
</tr>
<tr>
<td></td>
<td>SPH-V 215 (3), Food Safety &amp; Sanitation (fall only)</td>
<td>BIOL-M 200 (3), Microorganisms in Nature/Disease (spring only) or BIOL-L 211, Molecular Biology</td>
</tr>
<tr>
<td></td>
<td>IUB GenEd A/H (3)</td>
<td>PHSL-P 215 (5) (P: A215) Basic Human Physiology, OR Electives (6)</td>
</tr>
<tr>
<td></td>
<td>IUB GenEd S/H (3)</td>
<td>Electives (0-1)</td>
</tr>
<tr>
<td><strong>30-32 cr.</strong></td>
<td>15-17 credits</td>
<td>15 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SPH-V 341 (3), Environmental Health Management (P: SPH-V 214 and SPH-V 241) (fall only)</td>
<td>SPH-V 442 (3), Toxicology (P: SPH-V 241; all required anatomy &amp; physiology, biology, and chemistry) (spring only)</td>
</tr>
<tr>
<td></td>
<td>SPH-E 311 (3), Human Diseases &amp; Epidemiology (P or C: SPH-H/Q 381)</td>
<td>SPH-P 309 (3), Public Health Administration</td>
</tr>
<tr>
<td></td>
<td>PHYS-P 101 (4), Physics in the Modern World, or PHYS-P 201 (5), General Physics</td>
<td>ENVH Professional Electives (3) (List A or List B)</td>
</tr>
<tr>
<td></td>
<td>ENVH Professional Electives (3) (List A or List B) Electives (1-2)</td>
<td>Electives (3)</td>
</tr>
<tr>
<td><strong>30 cr.</strong></td>
<td>15 credits</td>
<td>15 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SPH-V 443 (3), Environmental Sampling &amp; Analysis (P: SPH-V 241; all required biology, chemistry, and physics) (fall only)</td>
<td>SPH-V 496 (5), Field Experience in Environmental Health [P: all classes in the Public Health Core (15 credits), all other Environmental Health courses (18 credits), and departmental permission]</td>
</tr>
<tr>
<td></td>
<td>ENVH Professional Electives (6) (List A or List B)</td>
<td>ENVH Professional Electives (3) (List A or List B)</td>
</tr>
<tr>
<td></td>
<td>IUB GenEd WLC (3) Electives (3)</td>
<td>IUB GenEd S/H (3) Electives (1-4, depending on previous science choices)</td>
</tr>
<tr>
<td><strong>27-30 cr.</strong></td>
<td>15 credits</td>
<td>13-15 credits</td>
</tr>
</tbody>
</table>

Read more about the BSPH in Environmental Health at:
**SUGGESTED COURSE SEQUENCE FOR ENVIRONMENTAL HEALTH PRE-MED STUDENTS (INCLUDES COMMON PRE-MED COURSEWORK)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td><strong>30-31 cr.</strong>&lt;br&gt;SPH-V 241 (3), Foundations of Environmental Health N&amp;M&lt;br&gt;BIOL-L 112 (4) Foundations of Biology: Biological Mechanisms N&amp;M&lt;br&gt;CHEM-C 117/C 127 (5), Principles of Chemistry &amp; Biochemistry 1 N&amp;M&lt;br&gt;PSY-P 101 (3), Introductory Psychology 1 N&amp;M</td>
<td><strong>Spring</strong>&lt;br&gt;SPH-V 201 (3), Intro to Occupational Safety &amp; Health (spring only)&lt;br&gt;BIOL-L 113 (3), Biology Lab&lt;br&gt;CHEM-C 341 (3), Organic Chemistry I Lectures (ENVH professional elective #1)&lt;br&gt;IUB GenEd English Composition (3)&lt;br&gt;IUB GenEd Math Modeling (3-4)</td>
</tr>
<tr>
<td></td>
<td>15 credits</td>
<td><strong>15-16 credits</strong></td>
</tr>
<tr>
<td>Year 2</td>
<td><strong>30 cr.</strong>&lt;br&gt;SPH-V 215 (3), Food Safety &amp; Sanitation (fall only)&lt;br&gt;MSCI-M 115 (3), Intro to Anatomy &amp; Physiology&lt;br&gt;BIOL-L 211 (3), Molecular Biology (P: L112; C117)&lt;br&gt;CHEM-C 342 (3), Organic Chemistry II Lectures (ENVH professional elective #2)&lt;br&gt;IUB GenEd S/H (3) (sociology, for pre-med)</td>
<td><strong>Spring</strong>&lt;br&gt;SPH-V 214 (3), Environmental Regulations &amp; Code Compliance (spring only)&lt;br&gt;SHP-Q 381 (3), Introduction to Biostatistics (P: math modeling)&lt;br&gt;PHYS-P 201 (5), General Physics I&lt;br&gt;CHEM-C 343 (3), Organic Chemistry I Lab (ENVH professional elective #3)&lt;br&gt;Electives (1)</td>
</tr>
<tr>
<td></td>
<td>15 credits</td>
<td><strong>15 credits</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Year 3</strong></td>
</tr>
<tr>
<td>Year 3</td>
<td><strong>30 cr.</strong>&lt;br&gt;SPH-V 341 (3), Environmental Health Management (P: SPH-V 214 and SPH-V 241) (fall only)&lt;br&gt;CHEM-N 330 (5), Intermediate Inorganic Chemistry (ENVH professional elective #4)&lt;br&gt;PHYS-P 202 (5), General Physics II (ENVH professional elective #5)&lt;br&gt;Electives (2)</td>
<td>**SPH-V 442 (3), Toxicology (P: SPH-V 241; all required anatomy &amp; physiology, biology, and chemistry) (spring only)&lt;br&gt;SHP-E 311 (3), Human Diseases &amp; Epidemiology (P or C: SHP-H/Q 381)&lt;br&gt;SHP-P 309 (3), Public Health Administration&lt;br&gt;CHEM-C 383 or C 483 (3), (biochem for pre-med)&lt;br&gt;Electives (3)</td>
</tr>
<tr>
<td></td>
<td>15 credits</td>
<td><strong>15 credits</strong></td>
</tr>
<tr>
<td>Year 4</td>
<td><strong>29-30 cr.</strong>&lt;br&gt;SPH-V 443 (3), Environmental Sampling &amp; Analysis (P: SPH-V 241; all required biology, chemistry, and physics) (fall only)&lt;br&gt;SPH-B 366 (3), Community Health&lt;br&gt;IUB GenEd A/H (3)&lt;br&gt;IUB GenEd WLC (3)&lt;br&gt;Electives (3)</td>
<td>**SPH-V 496 (5), Field Experience in Environmental Health [P: all classes in the Public Health Core (15 credits), all other Environmental Health courses (18 credits), and departmental permission]&lt;br&gt;IUB GenEd A/H (3)&lt;br&gt;IUB GenEd S/H (3)&lt;br&gt;IUB GenEd WLC (3)&lt;br&gt;Electives (0-1)</td>
</tr>
<tr>
<td></td>
<td>15 credits</td>
<td><strong>14-15 credits</strong></td>
</tr>
</tbody>
</table>

Read more about the BSPH in Environmental Health at:<br>http://www.publichealth.indiana.edu/departments/environmental-health/bsph/index.shtml
# Suggested Course Sequence for Environmental Health Students Who Need Additional Math/Science Preparation

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-32 cr.</td>
<td>SPH-V 241 (3), Foundations of Environmental Health <strong>N&amp;M</strong>&lt;br&gt; IUB GenEd English Composition (3)&lt;br&gt; IUB GenEd A/H (3)&lt;br&gt; PSY-P 101 (3), Introductory Psychology <strong>N&amp;M</strong>&lt;br&gt; [Math Prep, MATH-M 0XX as needed]&lt;br&gt; Electives (1)</td>
<td>SPH-V 201 (3), Intro to Occupational Safety &amp; Health (spring only)&lt;br&gt; IUB GenEd Math Modeling (3-4)&lt;br&gt; CHEM-C 103, Intro to Chemical Principles (5)&lt;br&gt; IUB GenEd S/H (3)&lt;br&gt; Electives (0-1)</td>
</tr>
<tr>
<td>15-17 credits, but only 13 toward graduation</td>
<td>15 credits</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 cr.</td>
<td>SPH-V 215 (3), Food Safety &amp; Sanitation (fall only)&lt;br&gt; SPH-B 366 (3), Community Health&lt;br&gt; CHEM-C 117/C 127 (5), Principles of Chemistry &amp; Biochemistry <strong>N&amp;M</strong>&lt;br&gt; Electives (4)</td>
<td>SPH-V 214 (3), Environmental Regulations &amp; Code Compliance (spring only)&lt;br&gt; BIOL-L 112 (4) Foundations of Biology: Biological Mechanisms <strong>N&amp;M</strong>&lt;br&gt; IUB GenEd A/H (3)&lt;br&gt; IUB GenEd S/H (3)&lt;br&gt; Electives (3)</td>
</tr>
<tr>
<td>15 credits</td>
<td>16 credits</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 cr.</td>
<td>SPH-V 341 (3), Environmental Health Management (P: SPH-V 214 and SPH-V 241) (fall only)&lt;br&gt; SPH-Q 381 (3), Introduction to Biostatistics&lt;br&gt; BIOL-L 113 (3) Biology Lab&lt;br&gt; MSCI-M 115 (3), Intro to Anatomy &amp; Physiology&lt;br&gt; ENVH Professional Electives (3) (List A or List B)</td>
<td>BIOL-M 200 (3), Microorganisms in Nature/Disease (spring only)&lt;br&gt; PHYS-P 101 (4), Physics in the Modern World&lt;br&gt; ENVH Professional Electives (6) (List A or List B)&lt;br&gt; Electives (2)</td>
</tr>
<tr>
<td>15 credits</td>
<td>15 credits</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 cr.</td>
<td>SPH-V 443 (3), Environmental Sampling &amp; Analysis (P: SPH-V 241; all required biology, chemistry, and physics) (fall only)&lt;br&gt; SPH-E 311 (3), Human Diseases &amp; Epidemiology (P or C: SPH-H/Q 381)&lt;br&gt; SPH-P 309 (3), Public Health Administration&lt;br&gt; ENVH Professional Electives (3) (List A or List B)&lt;br&gt; IUB GenEd WLC (2)</td>
<td>SPH-V 442 (3), Toxicology (P: SPH-V 241; all required anatomy &amp; physiology, biology, and chemistry) (spring only)&lt;br&gt; ENVH Professional Electives (3) (List A or List B)&lt;br&gt; IUB GenEd WLC (3)&lt;br&gt; Electives (3)</td>
</tr>
<tr>
<td>14 credits</td>
<td>12 credits</td>
<td></td>
</tr>
</tbody>
</table>

| Year 4 Summer 5 cr. | SPH-V 496 (5), Field Experience in Environmental Health [P: all classes in the Public Health Core (15 credits), all other Environmental Health courses (18 credits), and departmental permission] |

---

Read more about the BSPH in Environmental Health at:
**Suggested Course Sequence for Environmental Health Students Who Do Not Consider the Major Until the Sophomore Year**

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Year 1</strong></td>
<td>IUB GenEd English Composition (3)</td>
<td>IUB GenEd A/H (3)</td>
</tr>
<tr>
<td></td>
<td>IUB GenEd A/H (3)</td>
<td>IUB GenEd S/H (3)</td>
</tr>
<tr>
<td></td>
<td>IUB GenEd S/H (3)</td>
<td>IUB GenEd WLC (3)</td>
</tr>
<tr>
<td></td>
<td>Electives (3)</td>
<td>Electives (6)</td>
</tr>
<tr>
<td>30 cr.</td>
<td>15 credits</td>
<td>15 credits</td>
</tr>
<tr>
<td><strong>Year 2</strong></td>
<td>SPH-V 215 (3), Food Safety &amp; Sanitation (fall only)</td>
<td>SPH-V201 (3), Intro to Occupational Safety &amp; Health (spring only)</td>
</tr>
<tr>
<td></td>
<td>SPH-V 241 (3), Foundations of Environmental Health N&amp;M</td>
<td>SPH-V 214 (3), Environmental Regulations &amp; Code Compliance (spring only)</td>
</tr>
<tr>
<td></td>
<td>BIOL-L 112 (4) Foundations of Biology: Biological Mechanisms N&amp;M</td>
<td>IUB GenEd Math Modeling (3-4)</td>
</tr>
<tr>
<td></td>
<td>PSY-P 101 (3), Introductory Psychology 1 N&amp;M [Math Prep, MATH-M 0XX as needed]</td>
<td>BIOL-L 113 (3) Biology Lab</td>
</tr>
<tr>
<td>32-34 cr.</td>
<td>15-17 credits, but only 13 toward graduation</td>
<td>CHEM-C 103, Introduction to Chemical Principles</td>
</tr>
<tr>
<td><strong>Year 3</strong></td>
<td>SPH-V 341 (3), Environmental Health Management (P: SPH-V 214 and SPH-V 241) (fall only)</td>
<td>SPH-Q 381 (3), Introduction to Biostatistics</td>
</tr>
<tr>
<td></td>
<td>MSCI-M 115 (3), Intro to Anatomy &amp; Physiology</td>
<td>BIOL-M 200 (3), Microorganisms in Nature/Disease (spring only)</td>
</tr>
<tr>
<td></td>
<td>CHEM C 117/C 127 (5), Principles of Chemistry &amp; Biochemistry 1 N&amp;M</td>
<td>PHYS-P 101 (4), Physics in the Modern World</td>
</tr>
<tr>
<td></td>
<td>ENVH Professional Electives (3) (List A or List B)</td>
<td>ENVH Professional Electives (3) (List A or List B)</td>
</tr>
<tr>
<td>30 cr.</td>
<td>14 credits</td>
<td>16 credits</td>
</tr>
<tr>
<td><strong>Year 4</strong></td>
<td>SPH-V 443 (3), Environmental Sampling &amp; Analysis (P: SPH-V 241; all required biology, chemistry, and physics) (fall only)</td>
<td>SPH-V 442 (3), Toxicology (P: SPH-V 241; all required anatomy &amp; physiology, biology, and chemistry) (spring only)</td>
</tr>
<tr>
<td></td>
<td>SPH-E 311 (3), Human Diseases &amp; Epidemiology (P or C: SPH-H/Q 381)</td>
<td>SPH-B 366 (3), Community Health</td>
</tr>
<tr>
<td></td>
<td>ENVH Professional Electives (6) (List A or List B)</td>
<td>SPH-P 309 (3), Public Health Administration</td>
</tr>
<tr>
<td></td>
<td>Electives (1)</td>
<td>ENVH Professional Electives (3) (List A or List B)</td>
</tr>
<tr>
<td>25 cr.</td>
<td>13 credits</td>
<td>12 credits</td>
</tr>
<tr>
<td><strong>Year 4 Summer</strong></td>
<td>SPH-V 496 (5), Field Experience in Environmental Health [P: all classes in the Public Health Core (15 credits), all other Environmental Health courses (18 credits), and departmental permission]</td>
<td></td>
</tr>
</tbody>
</table>

From the website of the Association of Environmental Health Academic Programs:

What is Environmental Health?
Environmental Health (EH) is a branch of public health protection that is concerned with all aspects of the natural and built environment that may affect human health.

EH professionals are best known for their efforts to ensure the safety of what we eat, breathe, touch, and drink, by:

- monitoring air quality, water and noise pollution, toxic substances and pesticides.
- conducting restaurant inspections.
- promoting healthy land use and housing.
- working in vector control to limit or eradicate the agents which transmit disease pathogens.
- doing research on topics such as environmental toxins, communicable disease outbreaks, and human health impacts of environmental catastrophes (such as hurricanes).

Why an environmental health career?
Jobs: According to the Bureau of Labor Statistics employment of environmental scientists and specialists is expected to increase by 28 percent between 2008 and 2018, much faster than the average for all occupations. Job growth should be strongest in private-sector (non-governmental) and consulting firms.

Much job growth will result from a continued need to monitor the quality of the environment, to interpret the impact of human actions on terrestrial and aquatic ecosystems, and to develop strategies for restoring ecosystems. In addition, environmental scientists will be needed to help planners develop and construct buildings, transportation corridors, and utilities that protect water resources and reflect efficient and beneficial land use.

Increased Environmental Health Threats: The number of environmental health threats continues to grow. Tainted food outbreaks such as E-coli and salmonella, bed bug infestations, devastating events like September 11th, Hurricane Katrina and more, call for an increase in the number of people trained to address these issues. We need more people to choose a career in environmental health to protect human health and the environment.

Competencies developed through study in this major
http://www.publichealth.indiana.edu/degrees/competencies/bsph-competencies.shtml

Can you see yourself doing any of these activities?
- Protecting the environment
- Protecting community health
- Explaining to people how the environment affects public health
- Conducting research
- Testing water or air quality
Doing restaurant health inspections
Writing scientific reports

**What kinds of jobs are out there?**
- Environmental scientist
- Air or water quality specialist
- Solid waste specialist
- Industrial hygienist
- Emergency response
- Environmental epidemiologist
- Compliance inspector
- Food safety manager
- Private consulting

**What sorts of responsibilities might the work involve?**
- Collecting & interpreting data
- Investigating complaints
- Reviewing permits, renewing or revoking licenses
- Monitoring, performing inspections
- Education

**Where you could work:**
- Public Health departments
- Nonprofit organizations addressing environmental health
- Government agencies such as the U.S. Environmental Protection Agency (EPA), the Centers for Disease Control and Prevention (CDC), the U.S. Public Health Service
- Private companies looking for environmental health specialists
- Environmental research corporations
- State environmental health associations

**Average starting salary range:** $29,000-$50,000

**How can I tell if this is the right program for me?**
Environmental Health may be the major for you if:
- You like science and may or may not want to work in a lab.
- You’d rather be in the field.
- You care about the health of people in your community.
- You work well both in team settings and on your own.
- You are good at seeing “the big picture,” and are also detailed-oriented.
- You want to choose a growing field with plentiful job opportunities.
- You want the option of further education (MPH, MS, PhD).

**For more information:**
**BSPH in Environmental Health:**

**SPH Academic Advising, Janet Donley** ([jdonley@indiana.edu](mailto:jdonley@indiana.edu))