# HEALTH SCIENCE
## Environmental/Occupational Health & Safety Option, B.S. (120 Units)

Valid for Catalog Years: 2014/2015 to 2017/2018

*Official planning guide approved by the College of Health & Human Services

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<tr>
<th>Units</th>
<th>Fall</th>
<th>Spring</th>
<th>Fall</th>
<th>Spring</th>
<th>Fall</th>
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<tbody>
<tr>
<td><strong>Milestones</strong></td>
<td>BIOL 1A</td>
<td>BIOL 1B &amp; 1BL PH92</td>
<td>CHEM 1A &amp; 1AL</td>
<td>CHEM 1B &amp; 1BL</td>
<td>CHEM 8 or CHEM 128A</td>
<td>BIOL 20 or BIOL 120</td>
<td>PHYS 2A &amp; All PH Core and Option Course Requirements</td>
<td>PHYS 2B &amp; All PH Electives and PH175</td>
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<tr>
<td>A1</td>
<td>(3 Units) Oral Communication</td>
<td>D1</td>
<td>(3 Units) American History</td>
<td>A3</td>
<td>(3 Units) Critical Thinking</td>
<td>C1/C2</td>
<td>(3-4 Units) Arts or Humanities</td>
<td>IB</td>
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<tr>
<td>A2</td>
<td>(3 Units) Written Communication</td>
<td>C1</td>
<td>(3-4 Units) Arts</td>
<td>C2</td>
<td>(3-4 Units) Humanities</td>
<td>IC</td>
<td>(3-4 Units) Arts &amp; Humanities</td>
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<tr>
<td>E1</td>
<td>(3 Units) Lifelong Understanding &amp; Self Development</td>
<td>D2</td>
<td>(3 Units) American Government</td>
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<td></td>
<td>(3-4 Units) Multicultural/International</td>
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<td>D3</td>
<td>(3 Units) Social Science</td>
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For assistance or to schedule an advising appointment, please contact the Department of Public Health at 559-278-4014, McLane Hall 184

HHS Advising and Career Development Center: 559-278-5027, McLane Hall 194

<table>
<thead>
<tr>
<th></th>
<th>Freshman</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
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### Major

- **Math & Quantitative Reasoning**
  - MATH 6 OR
  - GE Area B4
  - MATH 70 or 75 or DS 71 & 71L (4 Units)
  - Quantitative Reasoning
  - *See course catalog for prerequisite requirements

- **Biology & Chemistry**
  - BIOL 1B & 1BL or BIOL 33, or BIOL 65 (4-5 Units)
  - GE Area B1
  - CHEM 1A (3 Units)
  - Physical Sciences
    - [Pre-Req: High school chemistry. May be taken concurrently: GE B4; CHEM 1AL]
    - *Not open to students with credit in CHEM 1B
  - CHEM 1B (3 Units)
  - [Pre-Req: CHEM 1A or 3A]
  - OR
  - CHEM 128A (3 Units)
    - [Pre-Req: CHEM 1B or 8 (C or better) or instructor permission]

- **Biology**
  - BIOL 20 (4 Units)
    - [Pre-Req: CHEM 1A or 3A]
    - *Not open to students with credit in BIOL 120 OR BIOL 120 (3 Units)
    - [Pre-Req: BIOL 1A & 1B or instructor permission]

### GE Area B2

- **Biology**
  - BIOL 1A (4 Units)
    - Life Sciences

### GE Area B3

- **Physics**
  - PH 92 (3 Units)
    - [Pre-Req: ELM or college-taught intermediate algebra (C or better)]

### GE Area B4

- **Chemistry**
  - CHEM 1A (2 Units)
    - Lab
    - [Pre-Req: CHEM 1A (may be taken concurrently)]

- **Physics**
  - PH 109 (3 Units)
    - [Pre-Req: PH 92 or equivalent]

### GE Area B5

- **Physics**
  - PH 161 (3 Units)
    - [Pre-Req: DS 71, MATH 75, MATH 70, or department permission]

- **Physics**
  - PH 163 (3 Units)
    - [Pre-Req: BIOL 1A & 1B or instructor permission]

### GE Area B6

- **Physics**
  - PH 160 (3 Units)
    - [Pre-Req: PHYS 1A]

### GE Area B7

- **Physics**
  - PH 105, 145, 151, 162B, 164, 166T, 167, 168B, or 170 (3 Units)
    - [Pre-Req: DS 71, MATH 75, MATH 70, or department permission]
    - *See course catalog for prerequisite requirements

### GE Area B8

- **Physics**
  - PH 105, 145, 151, 162B, 164, 166T, 167, 168B, or 170 (3 Units)
    - [Pre-Req: DS 71, MATH 75, MATH 70, or department permission]
    - *See course catalog for prerequisite requirements

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*Revised 8/2018*
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<td>PH 135</td>
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**Footnotes:**

**Prerequisites/Corequisites:** Other restrictions may apply. Please see your course catalog for detailed prerequisite/corequisite requirements.

**Grade Requirements:** Health Science majors may not apply CR/NC grading toward major requirements for a baccalaureate degree, except for PH 175, PH 185F, and PH 188, which are mandatory CR/NC courses.

**Upper Division Writing Skills requirement (UDWS):** All undergraduate students must demonstrate competency in writing skills by passing the Upper Division Writing Exam (UDWE) or by obtaining a C or better in an approved upper division writing course, identified by the letter "W."