# B.S. in Environmental Science
## Plant Science Innovations Concentration

**NOTE:** This document is meant to display your degree requirements. The Academic Requirements Report must be used to track progress toward fulfilling all degree requirements. The Academic Requirements Report must show all requirements “satisfied” before your degree is awarded.

### University Degree Requirements
#### Overall Credit and GPA Requirements
- Total Credits (120)
- Resident Credits (32)
- Stout GPA (2.000)

#### Racial and Ethnic Studies (6 credits)
- (Select three credits from RES Category A)
- (Select three credits from any RES area)

#### Global Perspective (6 credits)
- (Complete a program of university-approved work or study abroad, or 6 credits of global perspective approved courses)

**NOTE:** RES and GLP requirements may be met within GE or major course selection.

### General Education Requirements (40 credits)
#### Communication Skills (9 credits)
- ENGL-101 or ENGL-111 Composition 1
- ENGL-102 or ENGL-112 Composition 2
- SPCOM-100 Fundamentals of Speech

#### Analytic Reasoning and Natural Science (10 credits)
- (At least one math or statistics course and a natural science course with a lab are required)
  - MATH-121 Introductory College Mathematics II
  - CHEM-135 College Chemistry I

#### Arts and Humanities (6 credits)
- (Must be from at least two categories: Art History/Music Appreciation, Creative/Performing Arts, Foreign Language & Culture, History, Literature, Philosophy)

#### Social and Behavioral Sciences (6 credits)
- (Must be from at least two categories: Anthropology, Economics, Geography, Political Science, Psychology, Sociology)

#### Contemporary Issues (4 credits)
- (Select one)
  - BIO-111 Science, the Environment & Sustainability
  - BIO-141 Plants and People

#### Social Responsibility and Ethical Reasoning (3 credits)
- (Courses must be selected from the list of approved social responsibility and ethical reasoning courses)
  - PHIL-235 General Ethics

### Selectives (2 credits)
(Courses/credits may be selected from any category to meet the 40-credit requirement.)

### Environmental Science Course Requirements
(24-25 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSC-101</td>
<td>Environmental Science Profession</td>
<td>1</td>
</tr>
<tr>
<td>ENSC-349/398/449</td>
<td>Co-op OR Field Experience OR Co-op</td>
<td>1</td>
</tr>
<tr>
<td>ENSC-425</td>
<td>Environmental Science &amp; Sustainability Capstone OR</td>
<td>3</td>
</tr>
<tr>
<td>SUST-425</td>
<td>Sustainable Design &amp; Development Capstone</td>
<td>3</td>
</tr>
<tr>
<td>BIO-135</td>
<td>Organismal Biology OR</td>
<td>4-5</td>
</tr>
<tr>
<td>BIO-136</td>
<td>College Molecular Cell Biology I</td>
<td>4-5</td>
</tr>
<tr>
<td>BIO-242</td>
<td>Botany OR</td>
<td></td>
</tr>
<tr>
<td>BIO-252</td>
<td>Zoology</td>
<td>4</td>
</tr>
<tr>
<td>BIO-350</td>
<td>Ecology</td>
<td>3</td>
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<tr>
<td>CHEM-136</td>
<td>College Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>ENGL-410</td>
<td>Scientific Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

### Plant Science Innovations Concentration Core
(20 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO-322</td>
<td>Plant Pathology</td>
<td>3</td>
</tr>
<tr>
<td>BIO-343</td>
<td>Plant Physiology</td>
<td>4</td>
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<tr>
<td>CHEM-201</td>
<td>Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM-331</td>
<td>Quantitative Analysis</td>
<td>3</td>
</tr>
<tr>
<td>PHYS-258</td>
<td>Introduction to Geology</td>
<td>2</td>
</tr>
<tr>
<td>PHYS-358</td>
<td>Soil Science and Conservation</td>
<td>4</td>
</tr>
</tbody>
</table>

### Plant Science Innovation: Selectives (35-36 Credits)
35-36 credits of concentration related courses selected in consultation with advisor.

### For more information:
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Program Website: [http://www.uwstout.edu/programs/bses/index.cfm](http://www.uwstout.edu/programs/bses/index.cfm)  
See online course description for prerequisites  
Revised 1/2013