**HORTICULTURE AND URBAN AGRICULTURE (B.S.PL.SC.)**

Required course work includes the university requirements (see regulation J-3 [https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees]) and:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 115</td>
<td>Cells &amp; the Evolution of Life</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 115L</td>
<td>Cells and the Evolution of Life Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>PLSC 102</td>
<td>The Science of Plants in Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 400</td>
<td>Seminar</td>
<td>1</td>
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<tr>
<td>SOIL 205</td>
<td>The Soil Ecosystem</td>
<td>3</td>
</tr>
<tr>
<td>AGED 406</td>
<td>Exploring International Agriculture</td>
<td>3</td>
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<tr>
<td>or POLS 441</td>
<td>Genes and Justice: Comparative Biotechnology Policy Formation</td>
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Select one of the following:  
- BIOL 154 Introductory Microbiology  
- & BIOL 155 Introductory Microbiology Laboratory  
- BIOL 250 General Microbiology  
- & BIOL 255 General Microbiology Lab

Select one of the following:  
- CHEM 101 Introduction to Chemistry  
- & 101L and Introduction to Chemistry Laboratory  
- CHEM 111 General Chemistry I  
- & 111L and General Chemistry I Laboratory

Select one of the following:  
- ENGL 207 Persuasive Writing  
- ENGL 313 Business Writing  
- ENGL 316 Environmental Writing  
- ENGL 317 Technical Writing

Select one of the following:  
- MATH 143 College Algebra  
- MATH 160 Survey of Calculus  
- MATH 170 Calculus I

Select one of the following:  
- PLSC 398 Internship  
- PLSC 402 Undergraduate Research in Plant Science  
- PLSC 499 Directed Study

**Horticulture and Urban Agriculture Courses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>CHEM 275</td>
<td>Carbon Compounds</td>
<td>3</td>
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<tr>
<td>CHEM 276</td>
<td>Carbon Compounds Lab</td>
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<tr>
<td>ENT 322</td>
<td>General and Applied Entomology</td>
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<tr>
<td>PLP 415</td>
<td>Plant Pathology</td>
<td>3</td>
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<tr>
<td>PLSC 201</td>
<td>Principles of Horticulture</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 300</td>
<td>Plant Propagation</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 401</td>
<td>Plant Physiology</td>
<td>3</td>
</tr>
<tr>
<td>PLSC 438</td>
<td>Pesticides in the Environment</td>
<td>3</td>
</tr>
<tr>
<td>SOIL 206</td>
<td>The Soil Ecosystem Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

Select 12 credits of Horticulture electives from the following:  
- LARC 288 Plant Materials & Design 1  
- PLSC 340 Nursery Management  
- PLSC 433 Plant Tissue Culture Techniques  
- PLSC 451 Vegetable Crops  
- PLSC 464 Landscape Maintenance  
- PLSC 480 Field Trip  
- PLSC 490 Potato Science  
- SOIL 417 Market Garden Practicum  

Select 15 credits of Professional Support electives from the following:  
- GENE 314 General Genetics  
- PLSC 205 General Botany  
- PLSC 207 Introduction to Biotechnology  
- PLSC 338 Weed Control  
- PLSC 407 Field Crop Production  
- PLSC 410 Invasive Plant Biology  
- PLSC 446 Plant Breeding  
- PLSC 488 Genetic Engineering  
- SOIL 446 Soil Fertility  
- STAT 251 Statistical Methods

Total Hours 82-84

Courses to total 120 credits for this degree