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

Required course work includes the university requirements (see regulation J-3 [https://catalog.uidaho.edu/archive/2018-2019/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>
</tr>
<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>
</tr>
<tr>
<td>or POLS 441</td>
<td>Genes and Justice: Comparative Biotechnology Policy Formation</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following: 4-5
- BIOL 154  Introductory Microbiology
- & BIOL 155 and Introductory Microbiology Laboratory
- BIOL 250  General Microbiology
- & BIOL 255 and General Microbiology Lab

Select one of the following: 4
- CHEM 101  Introduction to Chemistry
- & 101L and Introduction to Chemistry Laboratory
- CHEM 111  Principles of Chemistry I
- & 111L and Principles of Chemistry I Laboratory

Select one of the following: 3
- ENGL 207  Persuasive Writing
- ENGL 313  Business Writing
- ENGL 316  Environmental Writing
- ENGL 317  Technical Writing

Select one of the following: 3-4
- MATH 143  Pre-calculus Algebra and Analytic Geometry
- MATH 160  Survey of Calculus
- MATH 170  Analytic Geometry and Calculus I

Select one of the following: 3
- 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>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 275</td>
<td>Carbon Compounds</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 276</td>
<td>Carbon Compounds Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENT 322</td>
<td>General and Applied Entomology</td>
<td>4</td>
</tr>
<tr>
<td>PLP 415</td>
<td>Plant Pathology</td>
<td>3</td>
</tr>
<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: 12
- LARC 288  Plant Materials & Design 1
- PLSC 340  Nursery Management

PLSC 341  Nursery Management Laboratory
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: 15
- 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