ARBORICULTURE, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Description
The Arboriculture minor has been designed to provide students with a comprehensive introduction to the principles and practices of the arboriculture profession. Combined with a major in Horticulture or Forestry, this minor will help prepare students for a career in arboriculture. The courses in the minor include arboriculture, disease and insect control, the planting and maintenance of plants in the landscape, and management of trees in urban environments. HORT 201, and many of the introductory positions available to graduates with an arboriculture minor, require physical strength and conditioning. The profession of arboriculture has many opportunities available in the application of arboricultural practices, sales, consulting, management of companies, and management of urban trees.

What is Arboriculture?
Arboriculture is the practice of cultivating and maintaining ornamental trees and shrubs. The Arboriculture minor is designed to provide students with both an overview and in-depth understanding of the principles and practices of growing and maintaining trees, shrubs, and other perennial woody plants. This minor provides opportunities for students from all colleges to learn more about tree and shrubs and their health and care. The range of courses allows considerable flexibility for students to tailor the minor to their particular needs. The tree care profession has experienced rapid growth over the past decade and many more knowledgeable tree specialists are required to meet many of these needs.

You Might Like This Program If...
You love the outdoors, have a great appreciation of nature, love to challenge yourself, and enjoy working as a team to improve the health of trees and shrubs.

MORE INFORMATION ABOUT ARBORICULTURE (http://plantscience.psu.edu/majors/minors/arboriculture/)

Program Requirements

Requirements for the Minor
A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10).

Prescribed Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENT 313</td>
<td>Introduction to Entomology</td>
<td>2</td>
</tr>
<tr>
<td>ENT 314</td>
<td>Management of Insect Pests of Ornamentals</td>
<td>1</td>
</tr>
<tr>
<td>FOR 401</td>
<td>Urban Forest Management</td>
<td>3</td>
</tr>
<tr>
<td>HORT 201</td>
<td>Applied Arboriculture</td>
<td>2</td>
</tr>
</tbody>
</table>

Additional Courses: Require a grade of C or better

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIOL 110</td>
<td>Biology: Basic Concepts and Biodiversity</td>
<td>3-4</td>
</tr>
<tr>
<td>or BIOL 127</td>
<td>Introduction to Plant Biology</td>
<td>3</td>
</tr>
<tr>
<td>FOR 203</td>
<td>Field Dendrology</td>
<td>3</td>
</tr>
<tr>
<td>or HORT 137</td>
<td>Ornamental Plant Materials</td>
<td>3</td>
</tr>
<tr>
<td>PPEM 300</td>
<td>Horticultural Crop Diseases</td>
<td>2-3</td>
</tr>
<tr>
<td>or PPEM 318</td>
<td>Diseases of Forest and Shade Trees</td>
<td></td>
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</tbody>
</table>

Academic Advising
The objectives of the university’s academic advising program are to help adviserees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of-class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and adviserees share responsibility for making the advising relationship succeed. By encouraging their adviserees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee’s unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (http://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy/)

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Career Paths
Some of the more common positions that are available in the tree care industry for trained arborists include grounds person (performs the pruning or removal of trees and shrubs); climbing arborist (undertakes various types of tree pruning such deadwood removal, crown reduction, specific branch weight reduction, and clearance pruning); and plant health care technician (focuses on keeping plants in the urban environment healthy).

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES WITH A MINOR IN ARBORICULTURE (http://www.tcia.org/TCIA/About/Careers_in_Arboriculture.aspx)

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (http://plantscience.psu.edu/graduateprograms/)

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http://plantscience.psu.edu/contact (http://plantscience.psu.edu/contact/)