

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 aesthetics and safety of the interface between people and trees in both urban and rural communities.

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

Program Requirements

Requirement	Credits
Requirements for the Minor	26-28

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>).

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better</i>		
ENT 313	Introduction to Entomology	2
ENT 314	Management of Insect Pests of Ornamentals	1
FOR 401	Urban Forest Management	3
HORT 201	Applied Arboriculture	2

HORT 301	Principles of Arboriculture	3
HORT 408	Landscape Plant Establishment and Maintenance	4
SOILS 101	Introductory Soil Science	3

Additional Courses

Additional Courses: Require a grade of C or better

BIOL 110 or BIOL 127	Biology: Basic Concepts and Biodiversity Introduction to Plant Biology	3-4
FOR 203 or HORT 137	Field Dendrology Ornamental Plant Materials	3
PPEM 300 or PPEM 318	Horticultural Crop Diseases Diseases of Forest and Shade Trees	2-3

Academic Advising

The objectives of the university's academic advising program are to help advisees 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 advisees share responsibility for making the advising relationship succeed. By encouraging their advisees 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>)

Contact

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