Plant Science (Specialization in Landscape and Nursery Horticulture) is a field of study that deals with the art and science of breeding, propagating, installing and maintaining plants that are used to enhance and improve the human environment. In this sustainable field, students can be creative, work outdoors, and enhance people’s lives through the use of plants in their surroundings. Environmental Horticulture represents a diverse field including Ornamental Horticulture, Plant Biotechnology, Plant Conservation, Landscape Design, Floriculture, and Nursery Management. Students learn about the cutting edge of technology in plant science. This degree blends knowledge in business, plant science, and the environment allowing students to focus on their interests and to prepare them for a career in the horticultural industry.

Courses Available

- Plant Propagation
- Plant Pathology
- Annual & Perennial Gardening
- Soils in the Environment
- Turfgrass Culture
- Nursery Management
- Landscape & Turfgrass Management
- Entomology
- Physiology and Ecology of Crops
- Agribusiness Management
- Plant Physiology
- Conservation and Restoration
- Sales and Marketing
- Communications & Leadership
- Principles of Weed Science

Possible Careers

- Nursery Manager/Owner
- Garden Center Manager
- Botanical Garden Supervisor
- Garden Magazine Journalist
- Restoration Consultant
- Plant Breeder
- Plant Inspector
- Municipal Horticulturist
- Extension Specialist

Find us on Facebook at facebook.com/UFMiltonCampus

University of Florida IFAS
West Florida Research and Education Center
Milton, Florida
(850) 983-7125
wfrec.ifas.ufl.edu
Guide to Admissions

Students wishing to major in Plant Science (Specialization in Landscape and Nursery Horticulture) at the University of Florida IFAS CALS Milton Campus can be admitted as a transfer student after completing an Associate of Arts degree, along with the pre-requisite courses, from any community college or university. An AA degree from a Florida institution is recommended as it will satisfy all UF general education requirements.

Pre-requisite Courses

Students MUST complete (with both a 2.0 overall and individual GPA) the following critical tracking classes before transferring to UF:

Choose 2 biology courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC2010 + BSC2010L</td>
<td>Biology I + Biology I Lab</td>
</tr>
<tr>
<td>BSC2011 + BSC2011L</td>
<td>Biology II + Biology II Lab</td>
</tr>
<tr>
<td>BOT2010 + BOT2010L</td>
<td>General Botany I + General Botany I Lab</td>
</tr>
<tr>
<td>BOT2011 + BOT2011L</td>
<td>General Botany II + General Botany II Lab</td>
</tr>
</tbody>
</table>

Choose 1 mathematics course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC1140 + MAC1114</td>
<td>Pre-calculus Algebra + Trigonometry</td>
</tr>
<tr>
<td>MAC1147</td>
<td>Pre-calculus Algebra and Trigonometry</td>
</tr>
</tbody>
</table>

Choose one economics course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO2013</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>ECO2023</td>
<td>Microeconomics</td>
</tr>
</tbody>
</table>

Chemistry course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM2045 + CHM2045L</td>
<td>General Chemistry I + General Chemistry I Lab</td>
</tr>
</tbody>
</table>

The following classes may be completed at the community/state college and are not required for admission to the College of Agriculture and Life Sciences (but will be required to complete the degree program):

Choose 1 physics course from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>PHY1025/2020</td>
<td>Introduction to Principles of Physics</td>
</tr>
<tr>
<td>PHY2004</td>
<td>Applied Physics</td>
</tr>
</tbody>
</table>

Technical writing course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC1210/2210</td>
<td>Technical Writing</td>
</tr>
</tbody>
</table>

Public speaking course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPC2608</td>
<td>Public Speaking</td>
</tr>
</tbody>
</table>

Statistics course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA2023</td>
<td>Introduction to Statistics</td>
</tr>
</tbody>
</table>

Complete UF foreign language requirement.

For More Information
Please contact us at (850) 983-7138.