

Landscape and Nursery Horticulture

INTERDISCIPLINARY STUDIES DEGREE

Landscape and Nursery Horticulture exposes students to the art and science of breeding, propagating, installing, and maintaining plants that are used to enhance and improve the human environment. This interdisciplinary major combines the study of landscape and nursery horticultural sciences with the study of business and management and communications. Students select classes from Environmental Horticulture, Agribusiness, Agricultural Communications, and Landscape Architecture. Additional supporting course work in technical agriculture is provided by Soil Sciences, Entomology and Nematology, Forestry, Plant Sciences, and Wildlife Ecology and Conservation.

Job opportunities are plentiful for individuals with targeted educational backgrounds and experience in nursery and landscape management, public gardens management, and environmental horticulture operations.

The Landscape and Nursery Horticulture major includes three specializations: Landscape and Nursery Management, Public Gardens Management, and Environmental Horticulture Operations.

Community college students must complete an Associate of Arts, meet the required grade point average (G.P.A.), complete the required prerequisite courses, and meet the foreign language and immunization policies of the University of Florida before transferring.

Required G.P.A. = 2.0
Students must complete the following courses before transferring:

	CHM 2045 & 2045L	General Chemistry I and lab	(4hrs)
	BSC 2010 & 2010L	General Biology I and lab	(4hrs)
	BSC 2011 & 2011L	General Biology II and lab	(4hrs)
or	BOT 1010 & 1010L	General Botany and lab	(4hrs)
	MAC1147	Pre-calculus Algebra and Trig	(4hrs)
or	MAC1140 & 1114	Pre-calculus and Trigonometry	(6hrs)
or	MAC1105 & 1114	College Algebra and Trig	(6hrs)

The following courses may be completed at the community college but are not required for admission to the College of Agriculture and Life Sciences.

	ECO2023	Microeconomics	(3hrs)
	SPC1600	Intro to Public Speaking	(3hrs)
	ENC1210	Technical Writing	(3hrs)
	PHY2004	Applied Physics	(3hrs)
or	PHY1025	Intro to Physics	(3hrs)

Landscape and Nursery Horticulture

Environmental Horticulture Operations Major

Course	Required Course Title	Cr	Term Planned	Term Completed
General Core Courses - 27 Credits				
ENY3005	Principles of Entomology	3		
HOS4304	Horticulture Physiology	3		
CHM2210	Organic Chemistry I	3		
CHM2210L	Organic Chemistry I Lab	1		
HOS4341	Advanced Horticulture Physiology	3		
SOS3022	Intro to Soils in the Environment	3		
SOS3022L	Soils in the Environment Lab	1		
PLS4601	Weed Science	3		
AEB3133	Principles of Agribusiness Mgmt	3		
ORH4941	Full Time Practical Work Experience	3		
PLP3002C	Fundamentals of Plant Pathology	4		
Environmental Horticulture Core Courses - 16 Credits				
ORH3513C	Environmental Plant ID & Use	3		
PLS3221&L	Plant Propagation & Lab	3		
ORH4804&L	Annual & Perennial Gardening & Lab	3		
ORH3254C	Introductory Nursery Mgmt	4		
ORH4236C	Landscape & Turfgrass Mgmt	3		
Required Electives - 17 Credits				
ORH4264C	Greenhouse & Nursery Crop Culture	4		
ORH4223	Golf & Sport Turf Mgmt	2		
AEB3144	Intro to Agricultural Finance	3		
AEB3341	Strategic Selling	3		
ORH3222C	Turfgrass Culture	4		
ORH4905	Independant Study	3		
AEB4424	Human Resource Mgmt in Agriculture	3		
SOS4115	Fertilizers and Soil Fertility	3		
PMA3010	Fundamentals of Pest Mgmt	3		

Landscape and Nursery Management Major

Course	Required Course Title	Cr	Term Planned	Term Completed
General Core Courses - 20 Credits				
ENY3005	Principles of Entomology	3		
SOS3022&L	Intro to Soils in the Env & Lab	4		
AEB3133	Principles of Agribusiness Mgmt	3		
ORH4941	Full Time Practical Work Experience	3		
PLP3002C	Fundamentals of Plant Pathology	4		
ORH3513C	Environmental Plant ID & Use	3		
Landscape and Nursery Core Courses - 18 Credits				
HOS4304	Horticulture Physiology	3		
PLS3221&L	Plant Propagation & Lab	3		
ORH4804&L	Annual & Perennial Gardening & Lab	3		
ORH3254C	Introductory Nursery Mgmt	4		
ORH4236C	Landscape & Turfgrass Mgmt	3		
ORH4264C	Greenhouse & Nursery Crop Culture	4		
ORH3813C	Residential Landscape Design	3		
Management and Sales Core - 12 Credits				
AEB4424	Human Resource Mgmt in Agriculture	3		
AEB3144	Intro to Agricultural Finance	3		
AEB3341	Strategic Selling	3		
AEB3300	Agricultural & Food Marketing	3		
Suggested Professional Electives - 10 Credits				
ORH4223	Golf & Sport Turf Mgmt	2		
ORH3222C	Turfgrass Culture	4		
ORH4905	Independant Study	3		
PLS4601	Weed Science	3		
SOS4115	Fertilizers and Soil Fertility	3		
PMA3010	Fundamentals of Pest Mgmt	3		
HOS 4341	Advanced Horticulture Physiology	3		

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Minor Course Plan

Turfgrass Science

Note: Students electing a minor must apply at least two semesters before graduation. In consultation with their academic advisor, students will complete the following:

Minor Requirement - 15 Credits (note: prerequisites must be satisfied)

Course	Required Course Title	Cr	Term Planned	Term Completed
ORH3222C	Turfgrass Culture	4		
ORH4223	Golf & Sports Turf Mgmt	2		
ORH4236C	Landscape and Turfgrass Mgmt	3		
BOT1010&L	Introductory Botany & Lab	4		
Select one course from the following list:				
PLS4601C	Fundamentals of Weed Science	3		
SOS3022	Intro to Soils & the Environment	3		

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Management & Sales in Agribusiness

Note: Students electing a minor must apply at least two semesters before graduation. In consultation with their academic advisor, students will complete the following:

Minor Requirement - 15 Credits (note: prerequisites must be satisfied)

Course	Required Course Title	Cr	Term Planned	Term Completed
AEB3133	Principles of Agribusiness Mgmt	3		
AEB3341	Selling Strategically	3		
Select a minimum of one course from the following list:				
AEB3144	Intro to Agricultural Finance	3		
AEB3300	Agricultural Food & Marketing	3		
Select six to nine credit hours from the following:				
AEB4342	Agribusiness and Food Marketing	3		
AEB4424	Human Resource Mgmt in Agribusiness	3		
Students must take either AEB3144 OR AEB3300. If the student completes AEB3144, then AEB3300 may be counted as part of the six credit hours.				

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