

# Horticulture

## NURSERY AND GREENHOUSE SCIENCE OPTION (HFNG)

2017-2018

As a student in nursery and greenhouse science, you will learn how to manage container nurseries, field nurseries and greenhouses for the production of woody and herbaceous perennial ornamentals, annuals and florist crops. Business and science in horticulture will come together as you prepare for many different job opportunities, including greenhouse or nursery manager, retail sales positions, wholesale brokerage and many more.

### FRESHMAN YEAR

FALL		SPRING	
<b>HORT 1010 Introduction to Horticulture</b>	<b>1</b>	BIOL 1030/1031 Organismal Biology + Lab	3+1
Core Mathematics <sup>1</sup>	3-4	CHEM 1030 Fundamentals of Chemistry I	3
ENGL 1100 English Composition I	3	CHEM 1031 Fundamentals of Chemistry I Lab	1
Core History Sequence I <sup>2</sup>	3	ENGL 1120 English Composition II	3
BIOL 1020/1021 Principles of Biology+Lab	3+1	Core History Sequence II or Core Social Science <sup>2</sup>	3
	14-15		14

### SOPHOMORE YEAR

FALL		SPRING	
<b>HORT 3220 Arboriculture</b>	<b>4</b>	<b>HORT 2240 Plant Propagation<sup>†</sup></b>	<b>3</b>
Core Literature I <sup>2</sup>	3	<b>HORT 3210 Small Trees, Shrubs and Vines<sup>†</sup></b>	<b>4</b>
ECON 2020 Principles of Microeconomics	3	Core Literature II or Humanities Choice <sup>2</sup>	3
<i>or</i> 2030 Principles of Macroeconomics		COMM 1000 Public Speaking	3
CSES 2040 or 2043 Basic Soil Science	4	Elective	3-4
Social Science Choice	3		
	17		16-17

### JUNIOR YEAR

FALL		SPRING	
<b>HORT 3000 Growth and Development of Horticultural Plants<sup>†</sup></b>	<b>3</b>	<b>HORT 4100 Herbaceous Ornamentals<sup>†</sup></b>	<b>4</b>
<b>HORT 3950 Careers in Horticulture Group 1</b>	<b>1</b>	<b>Group 1</b>	<b>3-4</b>
PLPA 3000 General Plant Pathology	3-4	ENTM 4020 Economic Entomology	4
CSES 3150 Turfgrass Management	4	Core Fine Arts	3
	15-16		14-15

### SENIOR YEAR

FALL		SPRING	
<b>HORT 5220 Greenhouse Management Science</b>	<b>4</b>	Group 2	3-4
<b>HORT 5230 Nursery Management Group 1</b>	<b>4</b>	Electives	6-13
Group 2	3-4	UNIV 4AAo University Graduation	0
	14-16		9-17

Total Hours Required: 120

Group 1: HORT 2010 Fruit and Nut Production (4); HORT 2210 Landscape Gardening (4); HORT 3310 People and Plants: A History of Gardens in the Cultural Context (3); HORT 4000 Pesticide Management in Horticulture (3); HORT 5150 Retail Garden Center Management<sup>†</sup> (3); HORT 4270 Intermediate Landscape Design<sup>†</sup> (3); HORT 5210 Landscape Bidding, Installation and Maintenance (4); HORT 5240 Public Gardens Management<sup>†</sup> (3); BSEN 3560 Turf Systems Irrigation Design (3).

Group 2: STAT 2510 Statistics for Biological and Health Sciences (3); HORT 3920 Horticulture Internship (4); HORT 4930 Directed Study (3); CSES 3120 Principles of Weed Science (4); ACCT 2810 Fundamentals of Accounting (3) or ACCT 2110 Fundamentals of Financial Accounting (3); CTCT 2100 Power Equipment Technology (3); PLPA 5060 Plant Disease Management (4); FLSP 1010 Elementary Spanish I (4); FORY 5650 Urban Forestry (3); HORT 5120 Small Fruit and Pecan Culture (3); HORT 5110 Tree Fruit Culture<sup>†</sup> (2); HORT 5130 Sustainable Vegetable Production<sup>†</sup> (3); HORT 5910 Horticulture Practicum (3).

1 Any core MATH course, except MATH 1100 may be chosen.

2 All students must complete at least one literature course and a history sequence OR a literature sequence and at least one history course for a total of 12 hours in Humanities and 12 hours in Social Sciences.

<sup>†</sup> Course may be offered Summer semester.

# TRANSFER EQUIVALENCIES

## NURSERY AND GREENHOUSE SCIENCE OPTION (HFNG)

### ALABAMA COMMUNITY COLLEGE COURSES

### CREDIT HOURS

### AUBURN EQUIVALENT

BIO 103, Principles of Biology I	4	BIOL 1020/1021
BIO 104, Principles of Biology II	4	BIOL 1030/1031
CHM 111, College Chemistry I	4	CHEM 1030, 1031 Lab
ECO 232, Principles of Microeconomics or ECO 232 Principles of Macroeconomics	3 3	ECON 2020 ECON 2030
ENG 101, English Composition I	3	ENGL 1100
ENG 102, English Composition II	3	ENGL 1120
<b>Select One Fine Arts:</b> ART 100, Art Appreciation ART 203 or 204, Art History I or II MUS 101, Music Appreciation THR 120, Theater Appreciation	3	Core Fine Arts
<b>Select one:</b> ANT 200, Introduction to Anthropology GEO 100, World Regional Geography PSY 200, Gen. Psychology SOC 200, Introduction to Sociology	3	Core Social Science
<b>Select one sequence:</b> HIS 101 & 102, Western Civilization I & II HIS 121 & HIS, 122 World History I & II HIS 201 & 202, U. S. History I & II	6	Core History*
<b>Select one:</b> ENG 251, American Literature I or II ENG 261, English Literature I or II ENG 271, World Literature I or II	3	Core Literature*
MTH 112, Precalculus Algebra	3	MATH 1120
PHL 206, Ethics & Society or IDS 102, Ethics	3	Core Humanities
SPH 106, Fundamentals of Oral Communication or SPH 107, Fundamentals of Public Speaking	3	COMM 1000
<b>Group 2</b> BUS 241 Principles of Accounting I	3	ACCT 2110
SPA 101, Introductory Spanish I	4	FLSP 1010
General Electives to total 60 hours	3	Free electives

\*All students must complete at least one literature course and a history sequence OR a literature sequence and at least one history course for a total of 12 hours in Humanities and 12 hours in Social Sciences.

\*\*Group 2 equivalent courses are not part of the Core Curriculum at Auburn University