

## HORTICULTURE MAJOR - University of Georgia Horticulture Department CORE CURRICULUM REQUIREMENTS

### FRESHMAN/SOPHOMORE REQUIREMENTS

<b>I. Foundation Courses</b>	Hrs.
ENGL 1101 English Composition I	3
ENGL 1102 English Composition II	3
MATH 1113 Precalculus	3
<b>II. Sciences</b>	
PBIO 1210-1210L Intro Plant Biology, or BIOL 1107-1107L Prin. Of Biology I	4
CHEM 1211,-1211L Freshmen Chemistry I	4
<b>III. Quantitative Reasoning</b>	
STAT 2000 Intro Statistics, or PHYS 1111 Intro Physics, or PHYS 1112 Intro Physics, or MATH 1060 Math of Decision Making, or MATH 2110 Math for Economics	3
<b>IV. World Languages, Culture, Humanities and the Arts</b>	
AESC 2990S Communication w Latino in Hort. or SPCM 1100 Intro to Public Speaking	3
Choose 9 credit hours from WLCHA course list in the Bulletin Landscape Contracting Area of Emphasis Students take LAND 2520 (3hrs)	9

<b>V. Social Sciences</b>	Hrs.
HIST 2111 American History (Pre-Civil War), or HIST 2112 American History (Post-Civil War)	3
POLS 1101 American Government	3
AAEC 2580 Agriculture Microeconomics, or ECON 2106 Microeconomics	3
<b>VI. Related Courses</b>	
PBIO 1220-1220L Organismal Plant Biology, or BIOL 1108-1108L Principals Biology II	4
CHEM 1212-1212L Freshman Chemistry II, or PHYS 1111-1111L Intro Physics I, or PHYS 1112-1112L Intro Physics II, or CHEM 2100-2100L Organic Chemistry	4
HORT 2000 Sustainable Plant Production	3
HORT 2100 Horticulture Professionalism	1
AESC 2990S Communication w Latino in Hort.	3
Free Electives	4-5
<b>Total Core Curriculum Freshman/Sophomore</b>	
Physical Education	1

### JUNIOR/SENIOR REQUIREMENTS

*All Horticulture Majors must take these courses.*

<b>Horticulture Core Courses 24 Hrs.</b>	Hrs.
CRSS 3060 Soils & Hydrology	4
HORT 3910 Horticulture Internship, or HORT 3920 UGarden Internship, or AESC 4950 Special Problems	3
HORT 4091 Horticulture Prof Practices	3

HORT 4430 Plant Physiology	3
HORT 4440 Environ. Physiology Hort.	3
HORT 4440L Environ. Physiology Hort. Lab	1
HORT 4590 Soil Fertility and Plant Nutrition	3
HORT 4990 Environmental Issues in Hort.	1
PATH 3530 Introduction Plant Pathology	3

*In addition to the courses listed above, horticulture majors select an Area of Emphasis or choose the General Horticulture track, depending on their interests and career goals. Students select ONE of the following: Sustainable Food Production; Landscape Contracting; Science (graduate degree preparation); or General Horticulture.*

### GENERAL HORTICULTURE TRACK

<b>Required Courses 23-24 Hrs.</b>	Hrs.
HORT 3620-3620L Plant Propagation	4
HORT 3010 Intro to Vegetables	3
HORT 3020 Intro to Fruits	3
HORT 3500 Herbaceous Plant Identification I, or HORT 3510 Herbaceous Plant Identification II	2
HORT 3720 Woody Plant Identification	4

HORT 3140 Interior Plantscapes, or HORT 3630 Nursery Management, or HORT 4050 Greenhouse Management, or HORT 4090 Landscape Horticulture	3
Students select ONE pest management course from: CRSS 4250; CRSS 4340; ENTO 4740; PATH 4360	3-4
Electives (students choose HORT electives)	13-14

## SUSTAINABLE FOOD PRODUCTION AREA OF EMPHASIS

<b>Required Courses 25-27 Hrs.</b>	Hrs.
HORT 3010 Introduction to Vegetables	3
HORT 3020 Introduction to Fruits	3
HORT 3200 Prot. and Controlled Environments	3
HORT 3620-3620L Plant Propagation	4
HORT 4030S Sust. Community Food Prod, or HORT 4125 Organic Agricultural Systems	3-4
<b>Choose 6-7 hrs. from the following:</b>	
ALDR 3820 Reflections on Fighting Hunger	3

ANTH 3541 Anthropology of Eating	3
HORT 3440 Herbs & Medicinal Plants	3
HORT 4050 Greenhouse Management I	3
GEOG 3660 Geography of Food Commodities	3
FISH 4550 Conservation Aquaculture	4
CRSS 4010 Principles of Sustainable Mgt.	3
CRSS 4020S Social Sustainability in Agr & Food Systems	3
Electives (Students choose HORT electives)	9-11

## LANDSCAPE CONTRACTING AREA OF EMPHASIS

<b>Required Courses 27 Hrs.</b>	Hrs.
CRSS 3270-3270L Principals Turf Mgt.	4
HORT 3460 Residential Landscape Design	3
HORT 3500 Herbaceous Plant Identification I or HORT 3510 Herbaceous Plant Identification II	2
HORT 3720 Woody Plant Identification	4

HORT 4090 Landscape Horticulture	3
LAND 2210 Design Communication I	3
LAND 2320 Landscape Construction	3
LAND 3330 Landscape Engineering	3
Electives (students choose HORT electives)	11

## HORTICULTURAL SCIENCE AREA OF EMPHASIS

<b>Horticulture Core Courses 24 Hrs.</b>	Hrs.
PGEN 3580 Principles of Genetics	3
PBIO 4650-4650L Plant Taxonomy	4
PHYS 1111-1111L Physics I, or PHYS 1112-1112L Physics II	4

BCMB 3100 Intro Biochem, Mol. Biology	3
CHEM 2100-2100L Elem Organic Chemistry	4
HORT 3620-3620L Plant Propagation	4
Electives (students choose HORT electives)	14

## HORTICULTURE ELECTIVES

*As directed by advisor, students select elective courses based on interest and career objectives. Occasionally, new courses are offered that may qualify as a Horticulture Elective. Departmental advisor must approve any courses not on the following list.*

<b>Course Number and Title</b>	Hrs.
AAEC 3040 Agribusiness Marketing	3
AAEC 3100 Food & Fiber Marketing	3
AAEC 3200 Selling in Agribusiness	3
AAEC 3300 Agribusiness Accounting	3
AAEC 3980 Into Agribusiness Management	3
AESC 4920S Fostering Understanding Science	3
CRSS 2830 Introduction to Turfgrass Mgt.	3
CRSS 3270 -3270L Princ. Turfgrass Mgt.	4
CRSS 4010 Princ. of Sustainable Management	3
CRSS 4250 Pest Utilil. & Transgenic Crops	3
CRSS 4340-4340L Weed Science	4
ENTO (CRSS)(PATH) 3500 Turfgrass Pest Mgt.	3
ENTO (CRSS)(PATH) 4740 IPM	4
FORS 5010 Urban Tree Management	3
HORT 3010 Introduction to Vegetables	3
HORT 3020 Introduction to Fruit Crops	3
HORT 3050 Viticulture and Enology (Abroad)	3
HORT 3140 Interior Plantscapes	3
HORT 3200 Protected and Controlled Environ.	3
HORT 3300 Organic Gardening (3300E Online)	3

HORT 3333S Conserving Native Plants	3
HORT 3440 Herbs Med Plants (3440E Online)	3
HORT 3460S Residential Landscape Design	3
HORT 3500 Herbaceous Plant Identification I	2
HORT 3510 Herbaceous Plant Identification II	2
HORT 3620-3620L Plant Propagation	4
HORT 3630 Nursery Management	3
HORT 3720 Woody Plant Identification	4
HORT 3900 Garden Study Tour (Abroad)	3
HORT 3920 UGarden Internship	3
HORT 4030S Sust. Community Food Production	3
HORT 4050 Greenhouse Management	3
HORT 4090 Landscape Horticulture	3
HORT 4096 Organic Agriculture Seminar	1
HORT 4125 Organic Agricultural Systems	4
HORT 4140 Plant Breeding	3
HORT 4800 Agricultural Biotechnology	3
PATH 3530 Introduction Plant Pathology	1
PATH 4280 Diagnosis & Mgt. Plant Dis	4
PBIO 4650-4650L Plant Taxonomy	4
PGEN 3580 Principles of Genetics	3