

All students must complete two Global Issues courses (▲). All students must take a Social Diversity requirement in the GE by completing Rural Sociology 1500 or Sociology 1101.

FAES 1100 and Dept. Seminar	.5, .5	Historical Study (see approved CFAES GE List)	3
Writing Level 1 (English 1110)	3	Culture & Ideas or Historical Study (see approved CFAES GE List)	3
Writing Level 2 (2367) see approved CFAES GE List	3	Literature (see approved CFAES GE List)	3
Agr Comm 3130 or Comm 2110	3	Art (see approved CFAES GE List)	3
Math 1130 or 1148	4	Opt. 1 (HCS 2202 Frm & Fxn Cult Plt req'd)	4
Data Analysis (HCS 2260 recommended)	3	Minor (cannot select a minor in Agronomy, Horticulture, Landscape Design & Mgt., Sustainable Agriculture or Turfgrass)	12-15
Biological Science (Bio 1113 req'd)	4	Major	41-43
Physical Science (Chem 1110 or 1210)	5	Contemporary Issues (see approved CFAES GE List)	3
Add'l. Sci. (HCS 2201 Ecol of Mng'd Plt Sys. req'd)	4	Internship (HCS 4191.01)	2
Social Science 1 (Rural Soc 1500 or Sociol 1101)	3	Electives	5-11
Social Science 2 (AED Econ 2001 or Econ 2001)	3	TOTAL CREDIT HOURS	121

Required Courses – Sustainable Plant Systems Major

HCS	3320	Plant Propagation	3	13
PLNTPTH	3001	General Plant Pathology	3	
ENTMLGY	4600	Intro to Insect Science	1	
ENR	3000	Soil Science	3	
HCS	4600	Capstone	2	
HCS	5601	Digital Portfolio Development (part of capstone req.)	1	

Required: Horticulture Specialization

HCS	3521	Basic Greenhouse Production	2	11
HCS	5450	Vegetable Production	3	
HCS	5460	Fruit Crop Physiology and Production	3	
HCS	5533	Nursery Production	3	

Required : Support for Horticulture Specialization

PLNTPTH	3002	General Plant Pathology Lab	2	4
ENTMLGY	4601 or 4602	General Insect Pest Management or Landscape Entomology	2	

Additional Electives to Complete the Horticulture Specialization

HCS	2200	The World of Plants	3	13-15
HCS	2203	Human & Cultivated Plant Interactions	3	
HCS	2305	Organic Gardening	1	
HCS	2306	Sustainable Vegetable Practicum	3	
HCS	2340.01	Woody Ornamental Plants	3	
HCS	2340.02	Herbaceous Ornamental Plants	3	
HCS	3380	Latino Workforce	2	
HCS	3420	Seed Science	3	
HCS	3522	Sustainable Irrigation and Fertigation Practices	2	
HCS	3401.01	Greenhouse Industry	1	
HCS	3401.02	Environmental Horticulture Organization	1	
HCS	4325	Plant Genetics	3	
HCS	3488.01	Professional Development	1	
HCS	4193	Individual Studies	1-3	
HCS	4560	Creating a Virtual Perspective	3	
HCS	5193	Independent Study	1-3	
HCS	5306	Sustainable Vegetable Production Practicum	3	
HCS	5422	Biology and Management of Weeds and Invasive Plants	3	
HCS	5521	Advanced Greenhouse Production	3	
HCS	5097.01-.04	Study Abroad Pre-Departure Course	1	
HCS	5797.01-.04	Study Abroad	3	
HCS	5602	The Ecology of Agriculture	3	
HCS	5621	Physiology of Cultivated Plants	3	
HCS	5630	Seed Production	3	
HCS	5730	Seed Ecology and Physiology	2	
PLNTPTH	5120 or 5150	Diseases of Ornamentals or Fruit & Vegetable Diseases	2	
ENR	3001	Soil Science Lab	1	