



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 (0.5 cr hr)	HCS 1100 (0.5 cr hr)	.5, .5
Writing Level 1 (English 1110)		3
Writing Level 2 (2367)	see approved CFAES GE List	3
Agr Comm 3130 or Comm 2110		3
Math 1130, 1148, 1151, or 1156		4 or 5
Data Analysis (HCS 2260 recommended)		3
Biological Science (Bio 1113 req'd)		4
Physical Science Chem 1110, 1210, or 1220		5
Add'l. Sci. (HCS 2201 Ecol of Mng'd Plt Sys. req'd)		4
Opt. 1 (HCS 2202 Frm & Fxn Cult Plt req'd)		4
Social Science 1 (Rural Soc 1500 or Sociol 1101)		3
Social Science 2 (AED Econ 2001 or Econ 2001)		3

Historical Study (see approved CFAES GE List)	3
Culture & Ideas or Historical Study (see approved CFAES GE List)	3
Literature (see approved CFAES GE List)	3
Art (see approved CFAES GE List)	3
Contemporary Issues (see approved CFAES GE List)	3
Internship (HCS 4191.01)	2
Total GE Credit Hours	57 or 58
SPS-Turfgrass Science Specialization	42-43
SPS-Minor Equivalent	15-18
Electives	2-7
Total Credit Hours	121

TURFGRASS SPECIALIZATION 42-43

Required Courses – Turfgrass Specialization			36
HCS	2270	Hist. Perspectives on Golf Course	2
HCS	3310	Crop Responses to the Environment	3
HCS	3370	Sports Turf Management	2
HCS	3420	Seed Science	3
HCS	3470	Principles of Turfgrass Management	3
HCS	4504	Advanced Golf Operations (Capstone)	3
HCS	4570	Turfgrass Management and Science	3
HCS	5422	Biology & Mgmt. of Weeds and Invasive Plants	3
HCS	5670	Golf Courses and the Environment	2
ENR	3000	Soil Science	3
ENTMLGY	4600	Intro to Insect Science	1
ENTMLGY	5608	Turfgrass Insect Pest Management	2
	or ENTMLGY 5609	Landscape Ornamental Pest Mgmt.	2
PLNTPTH	3001	General Plant Pathology	3
PLNTPTH	3002	General Plant Pathology Lab	2

Electives Courses – Turfgrass Specialization			6-7
HCS	2340.01	Woody Ornamental Plants	3
HCS	2340.02	Herbaceous Ornamental Plants	3
HCS	2501	Basic Club Design and Repair	2
HCS	3220	Crop Origins and Diversity	2
HCS	3320	Plant Propagation	3
HCS	3380	Latino Workforce in Land Based Industry	2
HCS	3488.01	Profess. Devel. in Hort and Crop Science	1-3
HCS	3522	Sustainable Irrigation	2
HCS	4193	Individual Studies	1-3
HCS	4325	Plant Genetics	3
HCS	4560	Creating a Virtual Perspective	3
HCS	4999	Research with Distinction	1-3
HCS	4999H	Honors Research with Distinction	1-3
HCS	5097.01-.04	Study Abroad Pre-Depart Course	1
HCS	5797.01-.04	Study Abroad	3
HCS	5193	Independent Study	1-3
HCS	5601	Digital Portfolio Development	1
HCS	5602	Ecology of Agriculture (Capstone)	3
HCS	5621	Physiol. of Cultivated Plants	3
HCS	5622	Biochem. Proc. in Cultivated Plants	3
HCS	5730	Seed Ecology and Physiology	2

MINOR EQUIVALENT 15-18

Students must take the following two courses (7 credits), as well as 8 to 11 credits from one of the groups below.

Required Courses			6
ENR	5272	Turfgrass Soils	2
PLNTPTH	5130	Turfgrass Diseases/ITHM	4

Group A – Management 9-12

AEDECON	3101	Principles of Agribusiness Management	3
AEDECON	3102	Principles of Agribusiness Marketing	3
AEDECON	3160	Human Resource Mgmt in Small Business	2
AGSYSMT	2240	Basic Metal Fabrication for Agriculture	3
AGSYSMT	3232	Engines and Power Transmission	3
AGSYSMT	4580	Precision Agriculture	3
BUSMHR	2210	Personal Leadership & Team Effectiveness	3
BUSML	3150	Foundations of Marketing	3
CONSCI	2910	Consumer Problems and Perspectives	3
CONSCI	3910	Consumer Service and Satisfaction	3
ENR	3001	Soil Science Laboratory	1
ENR	5279	Urban Soils and Ecosystem Services	3
ENTMLGY	5500	Biological Control	3
ENTMLGY	5600	Integrated Pest Management	3
ENTMLGY	5800	Pesticide Science	3
PLNTPTH	5603	Plant Disease Management	3

Group B – Research 9-12

CHEM	2310	Introductory Organic Chemistry ¹	4
BIOCHEM	4511	Introduction to Biological Chemistry	4
EEOB	3310	Evolution	4
EEOB	3410	Ecology	4
ENR	5268	Soils and Climate Change	2
GEOG	5900	Weather, Climate, & Global Warming	3

¹ CHEM 2310 prerequisites: 1110, 1220 (122), 1250 (125), 1620, or 1920H. Not open to students with credit for 2510 (251), 2610, or 2910H