



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) and HCS 1100 (0.5 cr hr)	.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, 1148, 1150, 1151, or 1156	4 or 5	Contemporary Issues (see approved CFAES GE List)	3
Data Analysis (HCS 2260 recommended)	3	Internship (FAES 3191 and HCS 4191.01)	0, 2
Physical Science Chem 1110, 1210, or 1220	5	Total GE Credit Hours	57 or 58
Biological Science (Bio 1113 req'd)	4	SPS-Turfgrass Science Specialization	42-43
Add'l. Sci. (HCS 2201 Ecol of Mng'd Plt Sys. req'd)	4	SPS-Minor Equivalent	15-18
Opt. 1 (HCS 2202 Frm & Fxn Cult Plt req'd)	4	Electives	2-7
Social Science 1 (Rural Soc 1500 or Sociol 1101)	3	Total Credit Hours	121
Social Science 2 (AED Econ 2001 or Econ 2001)	3		

TURFGRASS SPECIALIZATION 42-43

Required Courses – Turfgrass Specialization 35

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	Introduction to 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
PLNTPH 3001	General Plant Pathology	3
PLNTPH 3002	General Plant Pathology Lab	2

Electives Courses – Turfgrass Specialization 7-8

HCS 2340.01	Woody Ornamental Plants	3
HCS 2340.02	Herbaceous Ornamental Plants	3
HCS 2501	Basic Club Design and Repair	1
HCS 3220	Crop Origins and Diversity	2
HCS 3320	Plant Propagation	3
HCS 3380	Latino Workforce in Land Based Industries	2
HCS 3488.01	Profess. Devel. in Hort and Crop Science	1-3
HCS 4193	Individual Studies	1-3
HCS 4325	Plant Genetics	3
HCS 4560	Creating a Virtual Perspective	3
HCS 4998	Undergraduate Research ¹	1-6
HCS 4999	Research with Distinction ¹	1-6
HCS 4999H	Honors Research with Distinction ¹	1-6
HCS 5097.01-.04	Study Abroad Pre-Depart Course	1
HCS 5797.01-.04	Study Abroad	3
HCS 5601	Digital Portfolio Development	1
HCS 5602	Ecology of Agriculture (Capstone)	3
HCS 5621	Physiology of Cultivated Plants	3
HCS 5622	Biochemical Proc. in Cultivated Plants ²	3

MINOR EQUIVALENT 15-18

Students must take the following two courses (6 credits), as well as 9 to 12 credits from one of the groups below.

Recommended Courses 6

ENR 5272	Turfgrass Soils	2
PLNTPH 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	3
AGSYSMT 2240	Basic Metal Fabrication for Agriculture	3
AGSYSMT 3232	Engines and Power Transmission	3
AGSYSMT 3580	UAS and Remote Sensing in Agriculture	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
PLNTPH 5603	Plant Disease Management	3

Group B – Research 9-12

CHEM 2310	Introductory Organic Chemistry ³	4
BIOCHEM 4511	Introduction to Biological Chemistry	4
EEOB 3310.01 or 3310.02	Evolution	4
EEOB 3410	Ecology	4
ENR 5268	Soils and Climate Change	2
GEOG 5900	Weather, Climate, & Global Warming	3

¹ Students may take up to 12 credits of any combination of 4193, 4998, 4999, or 4999H, but only up to 6 credits can count towards the major electives

²Pre-requisite of CHEM 2310 or 2510.

³CHEM 2310 prerequisites: 1110, 1220 (122), 1250 (125), 1620, or 1920H. Not open to students with credit for 2510 (251), 2610, or 2910H