

B.S. in Agriculture Sustainable Plant Systems Specialization: Turfgrass Science Effective Autumn 2019

rev.12/20/20

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	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, 1151, or 1156	4 or 5	Contemporary Issues (see approved CFAES GE List)	3
Data Analysis (HCS 2260 recommended)	3	Internship (HCS 4191.01)	2
Biological Science (Bio 1113 req'd)	4	Total GE Credit Hours	57 or 58
Physical Science Chem 1110, 1210, or 1220	5	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	<u>12</u> 1
Social Science 2 (AED Econ 2001 or Econ 2001)	3	Ioui Cicuit Hours	121

TURFGRASS SPECIALIZATION

42-43

Required Co	urses – I	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
PLNTPTH	3001	General Plant Pathology	3
PLNTPTH	3002	General Plant Pathology Lab	2

s Courses – I	Turfgrass Specialization	7-8
2340.01	Woody Ornamental Plants	3
2340.02	Herbaceous Ornamental Plants	3
2501	Basic Club Design and Repair	1
3220	Crop Origins and Diversity	2
3320	Plant Propagation	3
3380	Latino Workforce in Land Based Indus	stries 2
3488.01	Profess. Devel. in Hort and Crop Scien	ice 1-3
3522	Sustainable Irrigation	2
4193	Individual Studies	1-3
4325	Plant Genetics	3
4560	Creating a Virtual Perspective	3
4999	Research with Distinction	1-3
4999H	Honors Research with Distinction	1-3
5097.01	04 Study Abroad Pre-Depart Course	1
5797.01	04 Study Abroad	3
5193	Independent Study	1-3
5601	Digital Portfolio Development	1
5602	Ecology of Agriculture (Capstone)	3
5621	Physiology of Cultivated Plants	3
5622	Biochemical Proc. in Cultivated Plants	3
5730	Seed Ecology and Physiology	2
	2340.01 2340.02 2501 3220 3380 3488.01 3522 4193 4325 4560 4999 4999H 5097.01 5797.01 5193 5601 5602 5621	2340.02 Herbaceous Ornamental Plants 2501 Basic Club Design and Repair 3220 Crop Origins and Diversity 3320 Plant Propagation 3380 Latino Workforce in Land Based Indus 3488.01 Profess. Devel. in Hort and Crop Scien 3522 Sustainable Irrigation 4193 Individual Studies 4325 Plant Genetics 4560 Creating a Virtual Perspective 4999 Research with Distinction 4999H Honors Research with Distinction 5097.0104 Study Abroad 5193 Independent Study 5601 Digital Portfolio Development 5602 Ecology of Agriculture (Capstone) 5621 Physiology of Cultivated Plants 5622 Biochemical Proc. in Cultivated Plants

MINOR EQUIVALENT

15-18

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

ENR	5272	Turfgrass Soils	2
PLNTPTH	5130	Turfgrass Diseases/ITHM	4
Group A – M	Ianagem	ent	9-1:
AEDECON	3101	Principles of Agribusiness Management	3
AEDECON	3102	Principles of Agribusiness Marketing	
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	4580	Precision Agriculture	3
BUSMHR	2210	Personal Leadership & Team Effectiveness	3
BUSML	3150	Foundations of Marketing	3
CONSCI	2910	Consumer Problems and Perspectives	3 3 3 3 3 3 3 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 3 3 3
ENTMLGY	5600	Integrated Pest Management	3
ENTMLGY	5800	Pesticide Science	3
PLNTPTH	5603	Plant Disease Management	3
Group B –R	esearch		9-1
CHEM	2310	Introductory Organic Chemistry ¹	4
BIOCHEM	4511	Introduction to Biological Chemistry	4
EEOB	3310.0	1 or 3310.02 Evolution	4
EEOB	3410	Ecology	4
ENR	5268	Soils and Climate Change	2
GEOG	5900	Weather, Climate, & Global Warming	2 3
		uisites: 1110, 1220 (122), 1250 (125), 1620, or 1 with credit for 2510 (251), 2610, or 2910H	920H.