Turfgrass	2013-14								
rung.uoo		Fresi	nman	Year					
	First Semester				Second Semester				
MTHSC 1020	Intro. To Math Analysis	3	1	BIOL 1040	Ge	neral Biology II	3		
CH 1010	Gen. Chem. I	4		BIOL 1061	Ge	neral Biology Lab II	1		
HORT 1010	Horticulture	3		CH 1020	Ge	neral Chemistry	4		
Spanish Langua	ge Requirement ¹	4		ENGL 1030	Acc	celerated Composition	3		
				Related Science	Requ	irement ¹	4		
				HORT 1020	Ex	perience Horticulture	1		
Semester Hours:	14			Semester Hours	s: 16				
		Sopho	omore	Year					
	First Semester					Second Semester			
HORT 2120	Introduction to Turfgrass Culture	3		Arts and Humar	ities (l	it) Requirement ²	3		
HORT 2131	Turfgrass Culture Lab	1		CSEN 2020	So	ls	4		
HORT 3030	Landscape Plants	3		Business Requirement ¹		3			
MTHSC 1010	Essential Math	3		Social Science Requirement ²		3			
Plant Biology Requirement ¹		4		Related Science	Related Science Requirement ¹		3		
Semester Hours	14			Semester Hours	s: 16				
		S	umme	er					
HORT 2710	Internship ³	3	or	HORT 4710	Ad	vanced Internship ³	3		
		Jur	nior Y	ear					
	First Semester					Second Semester			
Related Science	Science Requirement ¹			BIOSC 4010		Plant Physiology	3		
Arts and Humani	and Humanities (Non-Lit) Requirement ²			BIOSC 4021 Plant Physiology Lab		Plant Physiology Lab	1		
Business Require	ess Requirement ¹			Oral Communications Requirement ²		3			
Social Science R	al Science Requirement ²			HORT 4200	HORT 4200 Applied Turfgrass Physiology		3		
Elective	Elective			PLPA (ENT) 400	Diseases & Insects of Turfgrasses		2		
				HORT Specializ	ation F	Requirement ¹	3		
Semester Hours: 16				Semester Hours: 15					
		S	umme	er					
PLPA (ENT) 408	1 Disease & Insects of Turfgrasses Lab	1							
		Ser	nior Y	ear					
	First Semester					Second Semester			
HORT 4120	Advanced Turfgrass Management	3		HORT (CSEN)	4330	Landscape & Turf Weed Manage.	3		
HORT 4090 Senior Capstone Course HORT Specialization Requirement ¹		3	-	HORT Specializ	ation F	Requirement ¹	3		
Related Science Requirement ¹		3		Related Science	Regu	irement ¹	3		
Soils Requirement ¹		3	1	·					
Business Requirement ¹		3	1	Soils Requirement ¹		3			
Semester Hours		•	1	Semester Hours	s: 12				
Total - 123 I	200		•						

Total - 123 hrs

- ¹ See advisor. Select from approved departmental list.
- ² See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness Requirement and the Science and Technology in Society Requirement.
- ³ Internship must be completed in one or two semesters. Internship may be done fall, spring or summer after completing HORT 2120/2130. Prior approval is required for internships and a 2.0 is required for registration.
- * Turfgrass majors must make a C or better in all HORT courses. Courses may be repeated as often as necessary to achieve the minimum grade.

Turfgrass (Continued)

AGM 4020 Drainage BIOSC 3200 Field Bot BIOSC 4060/4070 Introduct BIOSC 4410/4450 Ecology BIOSC 4460/4470 Plant Eco CH 3010 Survey of CH 2230/2270 Organic CSENV 4010 Soil Gen CSENV 4050 Plant Bre Sludges CSENV 4090 Biology of EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financial ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All COMM courses 3000 and hi	asurement & Lab	3		FOR 3150	Woodland Ecology	3	
BIOSC 3200 Field Bot BIOSC 4060/4070 Introduct BIOSC 4410/4450 Ecology BIOSC 44410/4450 Ecology BIOSC 4460/4470 Plant Ecology BIOSC 4460/4470 Plant Ecology CH 2230/2270 Organic CSENV 4010 Soil Gen CSENV 4050 Plant Bre CSENV 4080 Land Tre Sludges CSENV 4090 Biology of EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financia ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F AII AP EC courses 3000 and hi AII ECON courses 3000 and hi AII COMM courses 3000 and hi AII COMM courses 3000 and hi AII COMM courses 3000 and hi HORT 2020 or 4000 Selected HORT 2040 Annuals HORT 2110 Growing HORT 3050 Plant Pro Laborato SPAN 1010 Elementary S SPAN 1020 Elementary S SPIAN 1040 Biology of Plant BIOSC 3040 Biology of Plant BIOSC 3040 Biology of Plant BIOSC 3040 Biology of Plant	Water Conservation	3		FOR 4800	Selected Topics in Urban Forestry	1-3	
BIOSC 4060/4070 Introduct BIOSC 4410/4450 Ecology BIOSC 4460/4470 Plant Ecology CH 3010 Survey of CH 2230/2270 Organic CSENV 4010 Soil Gen CSENV 4050 Plant Bro CSENV 4080 Land Tre Sludges CSENV 4090 Biology of CSENV 4090 Intro to E Business, Communicat ACCT 2010 Financial ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All COMM courses 3000	Irrigation & Waste Mgmt	t. 3		GEN 3000/3010	Fundamental Genetics	4	
BIOSC 4410/4450 Ecology BIOSC 4460/4470 Plant Ecology BIOSC 4460/4470 Plant Ecology CH 3010 Survey of CH 2230/2270 Organic CSENV 4010 Soil Gen CSENV 4050 Plant Bre CSENV 4080 Land Tre Sludges CSENV 4090 Biology of EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All ECON courses 3000 and hi All COMM courses 3000 and hi All COMM courses 3000 and hi All COMM courses 3000 and hi HORT 2020 or 4000 Selected HORT 2040 Annuals HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	any	4		GEOL 1010/1030	Physical Geology	4	
BIOSC 4460/4470 Plant Eco CH 3010 Survey of CH 2230/2270 Organic CSENV 4010 Soil Gen CSENV 4050 Plant Bre CSENV 4080 Land Tre Sludges CSENV 4090 Biology of EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All COMM courses 3	ory Plant Taxonomy	4		GEOL 1120/1140	Earth Resources	4	
CH 3010 CH 2230/2270 CSENV 4010 CSENV 4050 CSENV 4050 CSENV 4080 CSENV 4090 CSENV 4090 CSENV 4900 CSENV 4900 EN SP 2000 CSENV 4090 EN SP 2000 CSENV 4090 ACCT 2010 ACCT 2010 ACCT 2020 Anager AP EC 257 0 All AP EC courses 3000 and hi All COMM courses 3000 and hi All ECON courses	& Lab	5		GREOL 3000	Environmental Geology	3	
CH 2230/2270 Organic CSENV 4010 Soil Gen CSENV 4050 Plant Bre CSENV 4080 Land Tre Sludges CSENV 4090 Biology of CSENV 4090 Beneficia Growth EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All COMM courses 3000 and hi All C	ology	5		IPM 4010	Principles of Integrated Pest Mgmt.	3	
CSENV 4010 CSENV 4050 Plant Bre CSENV 4080 CSENV 4090 CSENV 4090 CSENV 4900 C	f Organic Chemistry	4		MICRO 3050	General Microbiology	4	
CSENV 4050 Plant Bre CSENV 4080 Land Tre Sludges CSENV 4090 Biology of CSENV 4900 Beneficia Growth EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All COMM courses 3000 and hi HORT 2020 or HORT 2020 or HORT 2040 Annuals HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant BIOSC	Chemistry & Lab	4		PHYS 1220/1240	Physics with Calculus I	4	
CSENV 4080 CSENV 4090 Biology of Sludges CSENV 4900 CSENV 4900 CSENV 4900 Beneficia Growth EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All COMM courses 3000 and	esis and Classification	2		PHYS 2000	Introductory Physics	4	
SIUdges CSENV 4090 Biology of CSENV 4900 Beneficia Growth EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All COMM courses 3000 and hi	eeding	3		PHYS 2070/2090	General Physics I	4	
Beneficial Growth EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financial ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All ECON courses 3000 and hi All COMM courses 3000 and hi All ECON c	atment of Wastewater &	3		PLPH 3400	Plant Medicine and Magic	3	
Growth EN SP 2000 Intro to E Business, Communicat ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All ECON courses 3000 and hi All COMM courses 3000	of Invasive Plants			WFB 3130	Conservation Biology	3	
Business, Communicat ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All ECON courses 3000 and hi All COMM courses 3000 and hi HORT 2020 or 4000 Selected HORT 2110 Growing HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant BIOSC 3040 Biology of Plant ACCT 2010 Financia Manager Manuger Manuger	al Soil Organisms in Plant	t 3		WFB 4120	Wildlife Management	3	
ACCT 2010 Financia ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All ECON courses 3000 and hi All COMM courses 3000 and hi Horticulture Specializat HORT 2020 or 4000 Selected HORT 2110 Growing HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant Annuals BIOSC 3040 Biology of Plant BIOSC 3040 Biology of Plant	invironmental Science	3		WFB 4620	Wetland Wildlife Biology	3	
ACCT 2020 Manager AP EC 257 0 Natural F All AP EC courses 3000 and hi All ECON courses 3000 and hi All COMM courses 3000 and hi Horticulture Specializat HORT 2020 or 4000 Selected HORT 2040 Annuals HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant All AP EC 257 0 Annuals Spanish Courses (choo SPAN 1020 Elementary S SPAN 1030 Biology of Plant BIOSC 3040 Biology of Plant All AP EC 257 0 SPAN 1020 Biology of Plant BIOSC 3040 Biology of Plant All AP EC 257 0 Security Secu	ion & Leadership C	ourse	s (choo	se at least 3 cou	rses – 9 credits)		
AP EC 257 0 Natural F All AP EC courses 3000 and hi All ECON courses 3000 and hi All COMM courses 3000 and hi All Elected Annuals HORT 2020 or Selected Annuals HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo Spanish Courses (choo Span 1010 Elementary Span 1020 Elementary Span	Accounting Concepts	3		All FIN courses 3000 and higher			
All AP EC courses 3000 and hi All ECON courses 3000 and hi All ECON courses 3000 and hi All COMM courses 3000 and hi All ECON courses 3000 and hi All Elementary 5 Al	ial Accounting Concepts	3		All LAW courses 3000 and higher			
All ECON courses 3000 and hi All COMM courses 3000 and hi Horticulture Specializat HORT 2020 or 4000 Selected HORT 2100 Growing HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	Res., Environ. & Economic	cs 3		All MGT courses 2000 and higher			
HORT 2020 or HORT 2040 Annuals HORT 2100 Growing HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	All AP EC courses 3000 and higher			All MKT courses 3000 and higher			
HORT 2020 or 4000 Selected 4000 Annuals HORT 2100 Growing HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	gher			ELE 3010, 4010, 4	990 Executive Leadership & Entrepreneurs	ship I, II, III	
HORT 2020 or 4000 HORT 2040 HORT 2100 HORT 2110 HORT 3050 HORT 3061 HORT 3061 Plant ProLaborato Spanish Courses (choo SPAN 1010 SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	igher						
HORT 2040 Annuals HORT 2100 Growing HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	ion Courses (choos	se at le	east 3 c	ourse– 9 credits			
HORT 2100 Growing HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	Topics	1-	-3	HORT 3080	Sustainable Landscape Garden Design	3	
HORT 2110 Growing HORT 3050 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	and Perennials	3		HORT 3091	Sustainable Landscape Garden Design Lab	1	
HORT 3050 Plant Pro HORT 3061 Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	Fall Landscape Plants	3		HORT 4080	Horticulture Discovery and Inquiry	Variable	
Plant Pro Laborato Spanish Courses (choo SPAN 1010 Elementary SPAN 1020 Elementary SPAN 1020 Elementary SPAN Biology Requirem BIOSC 3040 Biology of Plant	Spring Landscape Plants	3		HORT 4270	Urban Tree Care	3	
Spanish Courses (choo SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	pagation	3		HORT 4610	Advanced Landscape Design	4	
SPAN 1010 Elementary S SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	ppagation Techniques ry	1		HORT 4500	Woody Plant Stress Physiology	3	
SPAN 1020 Elementary S Plant Biology Requirem BIOSC 3040 Biology of Plant	se at least 1 course	e – 4 c	redits)				
Plant Biology Requirem BIOSC 3040 Biology of Plant	Spanish	4		SPAN 1040	Basic Spanish	4	
BIOSC 3040 Biology of Pla	Spanish	4		SPAN 2020	Intermediate Spanish	4	
BIOSC 3040 Biology of Pla	ent (4 credits)						
	•	3		BIOSC 3081	Biology of Plants Lab	1	
			ourse –	6 credits)			
CSEN 4460 Soil Manage	•	3		CSEN 4850	Environmental Soil Chemistry	3	
CCEN	and Management Lab	4				+-	