

Turfgrass 2013-14

Freshman Year

First Semester			Second Semester		
MTHSC 1020	Intro. To Math Analysis	3	BIOL 1040	General Biology II	3
CH 1010	Gen. Chem. I	4	BIOL 1061	General Biology Lab II	1
HORT 1010	Horticulture	3	CH 1020	General Chemistry	4
Spanish Language Requirement ¹		4	ENGL 1030	Accelerated Composition	3
			Related Science Requirement ¹		4
			HORT 1020	Experience Horticulture	1
Semester Hours: 14			Semester Hours: 16		

Sophomore Year

First Semester			Second Semester		
HORT 2120	Introduction to Turfgrass Culture	3	Arts and Humanities (Lit) Requirement ²		3
HORT 2131	Turfgrass Culture Lab	1	CSEN 2020	Soils	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 Requirement ¹		3
Semester Hours: 14			Semester Hours: 16		

Summer

HORT 2710	Internship ³	3	or	HORT 4710	Advanced Internship ³	3
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Junior Year

First Semester			Second Semester		
Related Science Requirement ¹		6	BIOSC 4010	Plant Physiology	3
Arts and Humanities (Non-Lit) Requirement ²		3	BIOSC 4021	Plant Physiology Lab	1
Business Requirement ¹		3	Oral Communications Requirement ²		3
Social Science Requirement ²		3	HORT 4200	Applied Turfgrass Physiology	3
Elective		1	PLPA (ENT) 4060	Diseases & Insects of Turfgrasses	2
			HORT Specialization Requirement ¹		3
Semester Hours: 16			Semester Hours: 15		

Summer

PLPA (ENT) 4081	Disease & Insects of Turfgrasses Lab	1			
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Senior Year

First Semester			Second Semester		
HORT 4120	Advanced Turfgrass Management	3	HORT (CSEN) 4330	Landscape & Turf Weed Manage.	3
HORT 4090	Senior Capstone Course	3	HORT Specialization Requirement ¹		3
HORT Specialization Requirement ¹		3	Related Science Requirement ¹		3
Related Science Requirement ¹		3	Soils Requirement ¹		3
Soils Requirement ¹		3			
Business Requirement ¹		3	Semester Hours: 12		
Semester Hours: 18					

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)

Related Science Courses (choose at least 5 courses – 15 credits, at least one lab course must be taken)

AGM 2210	Land Measurement & Lab	3	FOR 3150	Woodland Ecology	3
AGM 3010	Soil and Water Conservation	3	FOR 4800	Selected Topics in Urban Forestry	1-3
AGM 4020	Drainage Irrigation & Waste Mgmt.	3	GEN 3000/3010	Fundamental Genetics	4
BIOSC 3200	Field Botany	4	GEOL 1010/1030	Physical Geology	4
BIOSC 4060/4070	Introductory Plant Taxonomy	4	GEOL 1120/1140	Earth Resources	4
BIOSC 4410/4450	Ecology & Lab	5	GREOL 3000	Environmental Geology	3
BIOSC 4460/4470	Plant Ecology	5	IPM 4010	Principles of Integrated Pest Mgmt.	3
CH 3010	Survey of Organic Chemistry	4	MICRO 3050	General Microbiology	4
CH 2230/2270	Organic Chemistry & Lab	4	PHYS 1220/1240	Physics with Calculus I	4
CSENV 4010	Soil Genesis and Classification	2	PHYS 2000	Introductory Physics	4
CSENV 4050	Plant Breeding	3	PHYS 2070/2090	General Physics I	4
CSENV 4080	Land Treatment of Wastewater & Sludges	3	PLPH 3400	Plant Medicine and Magic	3
CSENV 4090	Biology of Invasive Plants		WFB 3130	Conservation Biology	3
CSENV 4900	Beneficial Soil Organisms in Plant Growth	3	WFB 4120	Wildlife Management	3
EN SP 2000	Intro to Environmental Science	3	WFB 4620	Wetland Wildlife Biology	3

Business, Communication & Leadership Courses (choose at least 3 courses – 9 credits)

ACCT 2010	Financial Accounting Concepts	3	All FIN courses 3000 and higher		
ACCT 2020	Managerial Accounting Concepts	3	All LAW courses 3000 and higher		
AP EC 257 0	Natural Res., Environ. & Economics	3	All MGT courses 2000 and higher		
All AP EC courses 3000 and higher			All MKT courses 3000 and higher		
All ECON courses 3000 and higher			ELE 3010, 4010, 4990 Executive Leadership & Entrepreneurship I, II, III		
All COMM courses 3000 and higher					

Horticulture Specialization Courses (choose at least 3 course– 9 credits)

HORT 2020 or 4000	Selected Topics	1-3	HORT 3080	Sustainable Landscape Garden Design	3
HORT 2040	Annuals and Perennials	3	HORT 3091	Sustainable Landscape Garden Design Lab	1
HORT 2100	Growing Fall Landscape Plants	3	HORT 4080	Horticulture Discovery and Inquiry	Variable
HORT 2110	Growing Spring Landscape Plants	3	HORT 4270	Urban Tree Care	3
HORT 3050	Plant Propagation	3	HORT 4610	Advanced Landscape Design	4
HORT 3061	Plant Propagation Techniques Laboratory	1	HORT 4500	Woody Plant Stress Physiology	3

Spanish Courses (choose at least 1 course – 4 credits)

SPAN 1010	Elementary Spanish	4	SPAN 1040	Basic Spanish	4
SPAN 1020	Elementary Spanish	4	SPAN 2020	Intermediate Spanish	4

Plant Biology Requirement (4 credits)

BIOSC 3040	Biology of Plants	3	BIOSC 3081	Biology of Plants Lab	1
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Soil Specialization Courses (choose at least 2 course – 6 credits)

CSEN 4460	Soil Management	3	CSEN 4850	Environmental Soil Chemistry	3
CSEN 4520/4531	Soil Fertility and Management Lab	4			