

TURFGRASS
2006-2007

Freshman

First Semester

BIOL 103 - General Biology I	4 hrs
HORT 101 – Horticulture	3 hrs
MTHSC 102 – Intro. to Math Analysis	3 hrs
Social Science Requirement ¹	6 hrs
	<hr/> 16 hrs

Second Semester

BIOSC 205 Plant Form/Function <i>and</i>	3 hrs
BIOSC 206 Plant Form/Function Lab <i>or</i>	1 hr
BIOL 104 –General Biology II	4 hrs
ENGL103 Accelerated Composition	3 hrs
HORT 102 Experience Horticulture	1 hr
MTHSC 101 – Essential Math	3 hrs
Arts & Humanities (Non-Lit) Requirement ¹	3 hrs
	<hr/> 14 hrs

Sophomore

First Semester

CH 101 General Chemistry <i>or</i>	4 hrs
CH 105 Beg. Gen. and Organic Ch. ⁴	
HORT 212 Introduction to Turfgrass Cult.	3 hrs
HORT 213 Turfgrass Culture Lab	1 hrs
HORT 303 – Landscape Plants	3 hrs
Oral Communications Requirement ¹	3 hrs
	<hr/> 14 hrs

Second Semester

CH 102 General Chemistry <i>or</i>	4 hrs
CH 106 Begin. Gen. and Organic Ch ⁴	
Arts and Humanities (Lit) Requirement ¹	3 hrs
Business Requirement ²	3 hrs
Social Science Requirement ¹	3 hrs
	<hr/> 13 hrs

Summer

HORT 271 Internship <i>or</i>	3 hrs
HORT 471 Advanced Internship ³	

Junior

First Semester

CSENV 202 - Soils	4 hrs
Applied Science Requirement ²	3 hrs
Business Requirement ²	3 hrs
Spanish Language Requirement ²	3 hrs
	<hr/> 13 hrs

Second Semester

BIOSC 401 Plant Physiology	3 hrs
BIOSC 402 Plant Physiology Lab	1 hr
HORT 409 Seminar	1 hr
HORT 420 Applied Turfgrass Physiology	3 hrs
Advanced Writing Requirement ¹	3 hrs
Laboratory Science Requirement ²	4 hrs
	<hr/> 15 hrs

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PL PA (ENT) 408 Diseases and Insects of Turfgrasses Lab	2 hr
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Senior

First Semester

HORT 412 Advanced Turfgrass Management	3 hrs
HORT Specialization Requirement ²	6 hrs
Laboratory Science Requirement ²	4 hrs
Soils Requirement ²	3 hrs
	<hr/> 16 hrs

Second Semester

HORT (CSENV) 433 Landscape and Turf Weed Management	3 hrs
Applied Science Requirement ²	3 hrs
Business Requirement ³	3 hrs
HORT Specialization Requirement ²	3 hrs
Soils Requirement ²	3 hrs
	<hr/> 15 hrs

Total – 121 hrs

- ¹ See General Education Requirements. One humanities or one social science requirement must be a Cross-Cultural Awareness Course.
- ² See advisor. Select from approved departmental list.
- ³ Internship must be completed in one or two semesters. Internship may be done fall or spring or summer after completing HORT 212/213. Prior approval is required for internships and a 2.0 is required for registration.
- ⁴ Students not taking the CH 105/106 sequence must satisfy the General Education Science and Technology in Society Requirement by selecting a qualifying course from the Applied Science Requirement or the Laboratory Science Requirement.

Laboratory Science Courses (choose at least 2 courses – 8 credits must take course and lab)

BIOCH 301 & Biochemistry & Lab - 4 credits (every semester)
BIOSC 320 – Field Botany – 4 credits (Fall)
BIOSC 406 & 407 Plant Tax - 4 credits (Fall)
BIOSC 441 Ecology - 3 credits (Fall)
BIOSC 446 Plant Ecology - 3 credits
BIOSC 447 Plant Ecology Lab – 2 credits
BIOSC 452 Plant Anatomy –3 credits
BIOSC 453 Plant Anatomy and Morphology Lab - 2 credits
CH 201 Survey of Org. Chemistry - 4 credits (Fall)
CH 223 & 227 Organic chemistry & Lab - 4 credits (every semester)
GEOL 101&103 Physical Geology - 4 credits (every semester)
GEOL 112 & 114 Earth Resources – 4 credits
GEN 302 Intro. Genetics - 4 credits (every semester)
MICRO 305 General Microbiology - 4 credits (every semester)
PHYS 200 Introductory Physics & LAB - 4 credits (every semester)
PHY 122/124 Physics with Calculus
Phys 207/208 General Physics &lab

Applied Science –(choose at least 3 courses –9 credits)

CSENV 405 Plant Breeding - 3 credits
CSENV 407 Introductory Weed Science - 3 credits
ENT 301 General Entomology - 4 credits
ENT 401 Insects of Ornamentals - 3 credits
EN SP 200 Introduction to Environmental Science – 3 credits
EN SP 471 Man and His Environment – 3 credits
EN SP 472 Environmental Planning and Control – 3 credits
EN SP 315 Environment and Agriculture – 3 credits
FOR 315 Woodland Ecology – 3 credits
FOR 480 Selected topics in Urban Forestry – 1 – 3 credits
GEOL 300 Environmental Geology – 3 credits
IPM 401 Principles of Integrated Pest Mgmt. - 3 credits
PLPA 310 Plant Diseases and People - 3 credits
PLPH 320 Plant Medicine and Magic - 3 credits (Fall)
WFB 313 Conservation Biology – 3 credits (every semester)
WFB 412 Wildlife Management - 3 credits
WFB 462 Wetland Wildlife Biology - 3 credits

Business, Communication and Leadership Courses (3 courses – 9 credits)

ACCT 201 Accounting Concepts I - 3 credits
ACCT 202 Managerial Accounting Concepts – 3 credits
All AP EC courses 300 and higher
All ECON courses 300 and higher
All COMM courses 300 and higher
All FIN courses 300 and higher
All LAW courses 300 and higher
All MGT courses 300 and higher
All MKT courses 300 and higher
ELE 301 Executive Leadership and Entrepreneurship I
ELE 401 Executive Leadership and Entrepreneurship II
ELE 499 Executive Leadership and Entrepreneurship III

Soils (choose at least 2 courses – 6 credits)

AGM 301 Soil and Water Conservation – 3 credits (every semester)
AGM 402 Irrigation and Drainage – 3 credits (fall)
CSENV 403 Soil Genesis – 2 credits
CSENV 408 Land Treatment – 3 credits
CSENV 446 Soil Management – 3 credits
CSENV 452/453 Soil Fertility and Lab – 3/4 credits
CSENV 475 Soil Physics – 3 credits
CSENV 490 Beneficial Soil Organisms – 3 credits

Horticulture Specialization (choose at least 3 courses – 9 credits)

HORT 202 or HORT 400 – Special Topics 1-3 credits –maximum 3 credits
HORT 208 Landscape Appreciation - 3 credits (every semester)
HORT 304 Annuals and Perennials – 3 credits
HORT 305 Propagation – 3 credits
HORT 306 Propagation Lab Techniques – 1 credit
HORT 308 Landscape Design - 4 credits (Fall)
HORT 310 Growing Landscape Plants - 3 credits
HORT 406 Nursery Technology - 3 credits
HORT 408 Horticulture Discovery and Inquiry
HORT 427 Urban Tree Care3 - 3 credits
HORT 461 Prob. Landscape Design - 3 credits
HORT 465 Plant Molecular Biology -3 credits
FOR 450 Woody Plant Stress Physiology - 3 credits (Fall)

Spanish Courses (choose 1 course – 3 or 4 credits)

SPAN 101 Elementary Spanish – 4 credits
SPAN 102 Elementary Spanish – 4 credits
SPAN 104 Basic Spanish– 4 credits
SPAN 202 Intermediate Spanish – 3 credits