B.S. Plant Sciences - Turfgrass Management Option EL_EHTM_BS 120 Earned Credits Total		Effective Fall 2018				
Student:	_	ID No.:	Advisor:			
I. GENERAL EDUCATION (min 40 cr)			III. PROFESSIONAL CONCENTRAT	ION (min 30 cr)		
Knowledge	Course No.	Grade Cr.	Suggested Courses:	Course No.	Grade	Cr
A1. STEM			Insects of Turf and Ornamentals	ENT 387 (3)		
A2. Social and Behavioral Sciences			or Introductory Entomology	ENT 385 (3)		
A3. Humanities			Pesticides and the Environment	ENT 411 (3)		
A4. Arts and Design			Plant Propagation Practicum	PLS 216 (2)		
			Landscape Management	PLS 306 (4)		
Competencies			Power Units	PLS 322 (3)		
B1. Write effectively			Intro. Turf Management	PLS 341 (3)		
B2. Communicate effectively			Weed Science	PLS 361 (3)		
B3. Mathematical, statistical, computation			Irrigation Technology	PLS 390 (3)		
B4. Information literacy			Diseases of Turf and Ornamentals	PLS 440 (3)		
			Advanced Turf Management	PLS 442 (3)		
Responsibilities						
C1. Civic knowledge & responsibility			Additional Optional Courses:			
C2. Global responsibilities			Vegetable Practicum	PLS 325 (2)		T
C3. Diversity and inclusion			Greenhouse Management	PLS 331 (4)		+
Co. Diversity and inclusion			Plant Pathology	PLS 332 (4)		+
Integrate & Apply			Herbaceous Garden Plants	PLS 350 (3)		+
D1. Ability to Synthesize			Landscape Plants I	PLS 353 (3)		+
D1. Ability to Cynthesize			Landscape Plants II	PLS 354 (3)		+
Grand Challenge			Fruit Culture	PLS 311 (3)	1	+
G. Grand Challenge Course			Fruit Culture Practicum	PLS 312 (2)		+
G. Grand Challenge Course			Landscape Design	PLS 312 (2)		+
Additional General Education Class			Vegetable Crops	*PLS 324 (4)		+
Additional General Education Class Additional General Education Class			Soil Fertility and Plant Nutrition	PLS 375 (3)		+
Additional General Education Class Additional General Education Class			Plant Sciences Seminar I	PLS 401 (1)		+
Additional General Education Class Additional General Education Class			Plant Sciences Seminar II	PLS 401 (1)		+
*Course fulfills general education and a maj	or requirement	,	Plant Plagues	PLS 415 (2)		+
Course runnis general education and a maj	or requirement		Intro. To Soil Science	NRS 212 (4)		+
			initio. To doil deletice	NNO 212 (4)	<u> </u>	
II. PRE-PROFESSIONAL & BASIC SCIENC	CES					
(29 credits required)			V. EXPERIENTIAL LEARNING (up i			
. 5.4 (0)	Course No.	<u>Grade</u> <u>Cr.</u>	Course Description:	Course No.	<u>Grade</u>	Cr
A. Biology (8)	1		Plant Sciences Internship I	PLS 399 (1-3)	1	
Principles of Biology I *(BIO 101/103; 3,1cr)			Plant Sciences Internship II	PLS 399 (1-3)		_
Principles of Biology II *(BIO 102/104; 3,1cr)			Special Project/Independent Study	PLS 491 (1-3)		
			Special Project/Independent Study	PLS 492 (1-3)		
B. Chemistry (4 cr)						
CHM *101/102 or *103/105 (3,1cr)						
			V. SUPPORTING AND OTHER ELEC	CTIVES (min 15 ci)	
C. Plant Sciences (17 cr)			Course Description:	Course No.	<u>Grade</u>	Cr.
Introductory Horticulture *(PLS150; 3cr, S/F)						
Plant Protection (PLS200; 4cr, F)						
Plant Propagation (PLS215; 3cr, S)						
Plant Breeding & Genetics (PLS250; 4cr, S)						
Applied Plant Biology (PLS255; 3cr, S)						
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Approved for Graduation:				-	-	

Date:

Advisor:

Course Credits Required: Course Credits Completed: Off: F F S

> S F F F S

Alt. F

F

F S S

Alt. F F F S S S/F

<u>Off:</u> F, S F, S F S

120

B.S. Plant Sciences-**Turfgrass Management Option** Effective Fall 2018 Sample 4 Year Plan

College of the Environment and Life Sciences

Freshman Year Fall Semester

Freshman Year Spring Semester

Course Code	Description	Cr	
URI 101	Planning for Academic	1	
*PLS 150	Plant Biology for Gardeners	3	
*BIO 101,103	Principles of Biology I, Lab	4	
	*General Education Course	3-4	
	*General Education Course	3-4	
		14-16	

Course Code	Description	Cr	
PLS 215/216	Plant Propagation & Practicum	3-5	
*BIO 102,104	Principles of Biology II, Lab	4	
CHM 103,105	Introductory Chemistry, Lab	4	
	*General Education Course	3	
	Supporting or Free Elective	3	
		17-19	

Year 1 Milestones: Earn 30 credits and a GPA of 2.0 or higher. Meet with your Advisor for ETHM option discussion.

Sophomore Year Fall Semester

Sophomore Year Spring Semester

Course Code	Description	Cr	
PLS 200	Plant Protection	4	
	Concentration Course	3-4	
	Concentration Course	3-4	
	*General Education Course	3-4	
		40.40	

Course Code	Description	Cr	
PLS 250	Plant Breeding and Genetics	4	
PLS 255	Applied Plant Biology	3	
	Concentration Course	3-4	
	Concentration Course	3-4	
	*General Education Course	3-4	
		16-19	

Year 2 Milestones: Earn 60 credits and a GPA of 2.0 or higher. Meet with your Advisor to discuss major, internships and research opportunities.

Junior Year Fall Semester

Junior Year Spring Semester

Course Code	Description	Cr	
	Concentration Course	3-4	
	Concentration Course	3-4	
	Concentration Course	1-3	
	Supporting or Free Elective	3-4	
	Supporting or Free Elective	3-4	
		13-19	

Course Code	Description	Cr	
	Concentration Course	3-4	
	Concentration Course	3-4	
	Concentration Course	1-3	
	Supporting or Free Elective	3-4	
	Supporting or Free Elective	3-4	
		13-19	

Year 3 Milestones: Earn 90 credits and a GPA of 2.0 or higher. Meet with your Advisor to prepare intent to graduate application for fall submission.

Senior Year Fall Semester

Senior Year Spring Semester

Course Code	Description	Cr	
	Concentration Course	3-4	
	Concentration Course	3-4	
	Concentration Course	3-4	
	Supporting or Free Elective	3-4	
	Experiential Learning	1-3	
		13-19	

Course Code	Description	Cr	
	Concentration Course	3-4	
	Concentration Course	3-4	
	Concentration Course	1-3	
	Supporting or Free Elective	3-4	
	Supporting or Free Elective	3-4	
		13-19	

Year 4 Milestones: Earn 120 credits and a GPA of 2.0 or higher in CUM and CON. Complete all remaining required courses.