

## BACHELOR OF SCIENCE DEGREE in ENVIRONMENTAL HORTICULTURE

Turfgrass Management Concentration

Total Credit Hours Required: 120

(Effective Fall 2021)

<b>First Year - Fall</b>		<b>First Year - Spring</b>	
BIO 100 - Basic Biology	4	CMJ 102 - Fundamentals of Interpersonal Communication	3
ECO 120 - Principles of Microeconomics	3	<b>or</b>	
ENG 101 - College Composition	3	CMJ 103 - Public Speaking	3
NFA 117 - Issues and Opportunities	1	<b>or</b>	
PSE 100 - Plant Science	4	SFR 222 - Environmental Communication Skills	3
		MAT 115 - Applied Math for Business and Economics	3
		<b>or</b>	
		MAT 116 - Introduction to Calculus	3
		General Education: Western Cultural Tradition	3
		General Education: Cultural Diversity and International Perspectives	3
		General Elective	3
	<b>15</b>		<b>15</b>
<b>Second Year - Fall</b>		<b>Second Year - Spring</b>	
BIO 327 - Introductory Applied Entomology	4	BIO 319 - General Ecology	3
BMB 207 - Fundamentals of Chemistry	3	ECO 254 - Small Business Economics and Management	3
BMB 209 - Fundamentals of Chemistry Laboratory	1	EES 140 - Soil Science	3
<b>or</b>		EES 141 - Soil Science Laboratory	1
CHY 121 - General Chemistry I	3	PHI 232 - Environmental Ethics	3
CHY 123 - General Chemistry Laboratory I	1	General Education: Artistic and Creative Expression	3
PSE 221 - Woody Landscape Plants	4		
General Education: Quantitative Literacy	3		
	<b>15</b>		<b>16</b>
<i>Summer</i>			
	1	PSE 396 - Field Experience	
<b>Third Year - Fall</b>		<b>Third Year - Spring</b>	
PSE 219 - SL: Herbaceous Landscape Plants	3	ENG 317 - Business and Technical Writing	3
PSE 424 - Nursery Management (even yrs)	3	PSE 410 - Plant Propagation	4
PSE 457 - Plant Pathology	4	PSE 415 - Greenhouse Management	4
General Elective	3	PSE 430 - SL: Sustainable Horticulture and Agriculture Capstone	3
	<b>13</b>		<b>14</b>
<b>Fourth Year - Fall</b>		<b>Fourth Year - Spring</b>	
STOCKSCH 230 - Introductory Turfgrass Management	4	STOCKSCH 104 - Plant Nutrients	2
STOCKSCH 310 - Principles of Weed Management	3	STOCKSCH 107 - Turfgrass Insects	2
NRC 232 - Principles of Arboriculture	3	STOCKSCH 112 - Turfgrass Pathology Laboratory	2
General Elective	3	STOCKSCH 232 - Turf Machinery	1
General Elective	3	STOCKSCH 240 - Applied Calculations in Turf Management	2
		STOCKSCH 275 - Turfgrass Physiology and Ecology	3
		STOCKSCH 340 - Advanced Turfgrass Management	3
	<b>16</b>		<b>15</b>

Notes: <sup>1</sup>C - or higher is required for EES 140/141 and all PSE courses.

Revised: June 8, 2021

## Short Course Options

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- PSE 216 - UMaine Greens Practicum Credits: 1
- PSE 260 - Pesticide Applicator Certification Credits: 1
- PSE 261 - Nutrient Management Credits: 1
- PSE 262 - Introduction to Cannabis Cultivation and Science Credits: 1
- PSE 263 - Plant Health Diagnostics Credits: 1
- PSE 264 - Introduction to Composting Credits: 1
- PSE 265 - Soil Health for Farm Resilience and Climate Mitigation Credits: 1
- PSE 266 - Small Fruit and Berry Production Credits: 1
- PSE 269 - So You Want to Farm in Maine Credits: 1