

BACHELOR OF SCIENCE DEGREE in ENVIRONMENTAL HORTICULTURE

Turfgrass Management
Concentration Total Credit Hours
Required: 120 (Effective Fall 2023)

First Year - Fall		First Year - Spring	
BIO 100 - Basic Biology	4	CMJ 102 - Fundamentals of Interpersonal Communication	3
ECO 120 - Principles of Microeconomics	3	or	
ENG 101 - College Composition	3	CMJ 103 - Public Speaking	3
NFA 117 - First-Year Success Seminar	1	MAT 115 - Applied Math for Business and Economics	3
PSE 100 - Plant Science	4	or	
		MAT 116 - Introduction to Calculus	3
		General Education: Western Cultural Tradition	3
		General Education: Cultural Diversity and International Perspectives	3
		General Elective	3
	15		15
Second Year - Fall		Second Year - Spring	
BIO 327 - Introductory Applied Entomology	4	BIO 319 - General Ecology	3
BMB 207 - Fundamentals of Chemistry	3	ECO 154 - Small Business Economics and Management	3
BMB 209 - Fundamentals of Chemistry Laboratory	1	EES 140 - Soil Science	3
or		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		
	15		16
<i>Summer</i>			
	1	PSE 396 - Field Experience	
Third Year - Fall		Third Year - Spring	
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
	13		14
Fourth Year - Fall		Fourth Year - Spring	
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
	16		15

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

Revised: May 2, 2023

Short Course Options

- AVS 267 - Swine Production Credits: 1 (Fall odd yrs)
- AVS 268 - Pasture Poultry Production Credits: 1 (Fall even yrs)
- 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
- PSE 270 - Wild Blueberry Production Credits: 1