

# MAJOR IN ENVIRONMENTAL HORTICULTURE, TURF MANAGEMENT CONCENTRATION

## Requirements Effective Fall 2022

### Freshman

		AUCC	Credits
AREC 202	Agricultural and Resource Economics (GT-SS1)	3C	3
BZ 120	Principles of Plant Biology (GT-SC1)	3A	4
CHEM 107	Fundamentals of Chemistry (GT-SC2)	3A	4
CHEM 108	Fundamentals of Chemistry Laboratory (GT-SC1)	3A	1
CO 150	College Composition (GT-CO2)	1A	3
HORT 100	Horticultural Science	3A	4
HORT 192/LAND 192	Orientation to Horticulture/Landscape Arch		1
MATH 117	College Algebra in Context I (GT-MA1)	1B	1
MATH 118	College Algebra in Context II (GT-MA1)	1B	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	1B	1
Diversity, Equity, and Inclusion ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion</a> )		1C	3
Elective			3
<b>Total Credits</b>			<b>29</b>

### Sophomore

BUS 150 or CS 110	Business Computing Concepts and Applications Personal Computing		3-4
CHEM 245	Fundamentals of Organic Chemistry		4
HORT 221	Landscape Plants		4
HORT 487	Internship		3
SOCR 240	Introductory Soil Science		4
SPCM 200	Public Speaking		3
Arts and Humanities ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities</a> )		3B	6
<b>Total Credits</b>			<b>27-28</b>

### Junior

BSPM 361	Elements of Plant Pathology		3
BZ 440	Plant Physiology		3
HORT 321	Nursery Production and Management	4A	4
HORT 341	Turfgrass Management		3
HORT 464A	Arboriculture		3
SOCR 350	Soil Fertility Management		3
Advanced Writing ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing</a> )		2	3
Historical Perspectives ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives</a> )		3D	3

Electives			8
	<b>Total Credits</b>		<b>33</b>
<b>Senior</b>			
BSPM 302	Applied and General Entomology		2
BSPM 303B	Entomology Laboratory: Horticultural		1
BSPM 308	Ecology and Management of Weeds	4B	3
HORT 370	Landscape Irrigation		1
HORT 441	Turfgrass Science	4C	3
HORT 465	Landscape Estimating		3
MGT 305	Fundamentals of Management		3
SOCR 370	Climate-Smart Irrigation Principles		2
Electives <sup>1</sup>			12-13
	<b>Total Credits</b>		<b>30-31</b>
	<b>Program Total Credits:</b>		<b>120</b>

<sup>1</sup> Select enough elective credits to bring the program total to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level).