

# MAJOR IN ENVIRONMENTAL HORTICULTURE, TURF MANAGEMENT CONCENTRATION

## Major Completion Map

### Freshman

Semester 1		Critical	Recommended	AUCC	Credits
BZ 120	Principles of Plant Biology (GT-SC1)		X	3A	4
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)	X		1B	1
MATH 118	College Algebra in Context II (GT-MA1)	X		1B	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	X		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
<b>Total Credits</b>					<b>15</b>

Semester 2		Critical	Recommended	AUCC	Credits
AREC 202	Agricultural and Resource Economics (GT-SS1)			3C	3
CHEM 107	Fundamentals of Chemistry (GT-SC2)	X		3A	4
CHEM 108	Fundamentals of Chemistry Laboratory (GT-SC1)			3A	1
CO 150	College Composition (GT-CO2)	X		1A	3
Elective					3
<b>Total Credits</b>					<b>14</b>

### Sophomore

Semester 3		Critical	Recommended	AUCC	Credits
Select one course from the following:					3-4
BUS 150	Business Computing Concepts and Applications				
CS 110	Personal Computing				
CHEM 245	Fundamentals of Organic Chemistry				4
HORT 221	Landscape Plants				4
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	3
<b>Total Credits</b>					<b>14-15</b>

Semester 4		Critical	Recommended	AUCC	Credits
HORT 487	Internship				3
SOCR 240	Introductory Soil Science	X			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	3
HORT 100 must be completed by the end of Semester 4.		X			
<b>Total Credits</b>					<b>13</b>

### Junior

Semester 5		Critical	Recommended	AUCC	Credits
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
Electives					4
BZ 120 must be completed by the end of Semester 5.		X			
<b>Total Credits</b>					<b>16</b>
<b>Semester 6</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
BSPM 361	Elements of Plant Pathology				3
BZ 440	Plant Physiology				3
HORT 321	Nursery Production and Management			4A	4
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					4
HORT 221 must be completed by the end of Semester 6.		X			
<b>Total Credits</b>					<b>17</b>
<i>Senior</i>					
<b>Semester 7</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
BSPM 302	Applied and General Entomology	X			2
BSPM 303B	Entomology Laboratory: Horticultural	X			1
BSPM 308	Ecology and Management of Weeds	X		4B	3
HORT 465	Landscape Estimating	X			3
Electives					6
<b>Total Credits</b>					<b>15</b>
<b>Semester 8</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
HORT 370	Landscape Irrigation	X			1
HORT 441	Turfgrass Science	X		4C	3
MGT 305	Fundamentals of Management	X			3
SOCR 370	Climate-Smart Irrigation Principles	X			2
Electives		X			6-7
The benchmark courses for the 8th semester are the remaining courses in the entire program of study.		X			
<b>Total Credits</b>					<b>15-16</b>
<b>Program Total Credits:</b>					<b>120</b>