

# MAJOR IN HORTICULTURE, FLORICULTURE CONCENTRATION

## Major Completion Map

### Freshman

Semester 1	Critical	Recommended	AUCC	Credits
BZ 120 Principles of Plant Biology (GT-SC1)			3A	4
CO 150 College Composition (GT-CO2)			1A	3
MATH 117 College Algebra in Context I (GT-MA1)	X		1B	1
MATH 118 College Algebra in Context II (GT-MA1)			1B	1
MATH 124 Logarithmic and Exponential Functions (GT-MA1)			1B	1
Select one course from the following:				1
AGRI 192 Orientation to Agricultural Systems				
AGRI 292 Transfer Seminar				
Select one group from the following:				5
Group A:				
CHEM 107 Fundamentals of Chemistry (GT-SC2)			3A	
CHEM 108 Fundamentals of Chemistry Laboratory (GT-SC1)			3A	
Group B:				
CHEM 111 General Chemistry I (GT-SC2)			3A	
CHEM 112 General Chemistry Lab I (GT-SC1)			3A	
<b>Total Credits</b>				<b>16</b>

Semester 2	Critical	Recommended	AUCC	Credits
HORT 100 Horticultural Science			3A	4
Select one group from the following:				4
Group A:				
Electives (If CHEM 107 and CHEM 108 selected in Semester 1.)				
Group B:				
CHEM 113 General Chemistry II				
CHEM 114 General Chemistry Lab II				
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
Diversity and Global Awareness ( <a href="http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-global-awareness">http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-global-awareness</a> )			3E	3
CO 150, AUCC 1B (Quantitative Reasoning), and BZ 120 must be completed by the end of Semester 2.	X			
<b>Total Credits</b>				<b>14</b>

### Sophomore

Semester 3	Critical	Recommended	AUCC	Credits
AREC 202 Agricultural and Resource Economics (GT-SS1)			3C	3
BZ 223 Plant Identification				3
SOCR 240 Introductory Soil Science				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
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
<b>Total Credits</b>				<b>16</b>

<b>Semester 4</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
HORT 260	Plant Propagation				4
SPCM 200	Public Speaking				3
Select one course from the following:					3-4
BUS 150	Business Computing Concepts and Applications				
CS 110	Personal Computing				
Electives					3-4
<b>Total Credits</b>					<b>14</b>
<b>Junior</b>					
<b>Semester 5</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
BSPM 302	Applied and General Entomology				2
BSPM 303B	Entomology Laboratory: Horticultural				1
HORT 310	Greenhouse Management	X		4B	4
HORT 322	Herbaceous Plants				3
Horticulture Elective (See Department List on Concentration Requirements tab)					3-4
<b>Total Credits</b>					<b>13-14</b>
<b>Semester 6</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
BSPM 361	Elements of Plant Pathology				3
CHEM 245	Fundamentals of Organic Chemistry				4
HORT 486A	Practicum: Floriculture				2
HORT 487	Internship				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
<b>Total Credits</b>					<b>15</b>
<b>Senior</b>					
<b>Semester 7</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
HORT 412	Floriculture Crops				4
MGT 305	Fundamentals of Management				3
SOGR 330	Principles of Genetics				3
Horticulture Elective (See Department List on Concentration Requirements tab)					3-4
Elective					3
<b>Total Credits</b>					<b>16-17</b>
<b>Semester 8</b>		<b>Critical</b>	<b>Recommended</b>	<b>AUCC</b>	<b>Credits</b>
BZ 440	Plant Physiology	X			3
HORT 454	Horticulture Crop Production and Management	X		4A,4C	2
HORT 486A	Practicum: Floriculture	X			2
AREC 3XX or AREC 4XX		X			3
Electives		X			4-6
The benchmark courses for the 8th semester are the remaining courses in the entire program of study.					X
<b>Total Credits</b>					<b>14-16</b>
<b>Program Total Credits:</b>					<b>120</b>