

# MAJOR IN HORTICULTURE, FLORICULTURE CONCENTRATION

## Requirements Effective Fall 2019

### Freshman

		AUCC	Credits
AGRI 192 or 292	Orientation to Agricultural Systems Transfer Seminar		1
BZ 120	Principles of Plant Biology (GT-SC1)	3A	4
CO 150	College Composition (GT-CO2)	1A	3
HORT 100	Horticultural Science	3A	4
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
Select one group from the following:			5-9
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	
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
Electives			0-4
<b>Total Credits</b>			<b>30</b>

### Sophomore

AREC 202	Agricultural and Resource Economics (GT-SS1)	3C	3
BZ 223	Plant Identification		3
HORT 260	Plant Propagation		4
SOCR 240	Introductory Soil Science		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		
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
Electives			3-4
<b>Total Credits</b>			<b>30</b>

**Junior**

BSPM 302	Applied and General Entomology		2
BSPM 303B	Entomology Laboratory: Horticultural		1
BSPM 361	Elements of Plant Pathology		3
CHEM 245	Fundamentals of Organic Chemistry		4
HORT 310	Greenhouse Management	4B	4
HORT 322	Herbaceous Plants		3
HORT 486A <sup>1</sup>	Practicum: Floriculture		2
HORT 487 <sup>2</sup>	Internship		3
Horticulture Electives (see list below)			3-4
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
<b>Total Credits</b>			<b>28-29</b>

**Senior**

BZ 440	Plant Physiology		3
HORT 412	Floriculture Crops		4
HORT 454	Horticulture Crop Production and Management	4A,4C	2
HORT 486A <sup>3</sup>	Practicum: Floriculture		2
MGT 305	Fundamentals of Management		3
SOCR 330	Principles of Genetics		3
AREC 3XX or AREC 4XX			3
Horticulture Electives (see list below)			3-4
Electives <sup>4</sup>			7-9
<b>Total Credits</b>			<b>31-32</b>
<b>Program Total Credits:</b>			<b>120</b>

**Horticulture Electives**

Code	Title	Credits
HORT 321	Nursery Production and Management	4
HORT 331	Landscape Design	2
HORT 341	Turfgrass Management	3
HORT 401	Medicinal and Value-Added Uses of Plants	3
HORT 441	Turfgrass Science	3
HORT 451	Vegetable Crop Management	3
HORT 452		1
HORT 453	Principles of Fruit Crop Management	3
HORT 460/SOCR 460	Plant Breeding and Biotechnology	3
HORT 464A	Arboriculture	3
HORT 476	Environmental Plant Stress Physiology	3
HORT 571	Soil-Plant-Water Relations/Water Stress	3

<sup>1</sup> All junior-level floriculture majors are required to register for at least two credits of HORT 486A for one term.

<sup>2</sup> For internship requirements, refer to departmental policy.

<sup>3</sup> All senior-level floriculture majors are required to register for at least two credits of HORT 486A for one term.

<sup>4</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).