MAJOR IN HORTICULTURE, HORTICULTURAL BUSINESS MANAGEMENT CONCENTRATION

Horticultural Business Management provides the broadest horticultural background available. The curriculum consists of a core of business, computer, and economics courses. In Horticulture, students choose a special emphasis, or take an array of courses that may lead to greater job opportunities. Graduates have the knowledge to manage a horticulture business or work in market-associated positions. Opportunities exist in the sale of facilities, plant material, equipment, and supplies involved in all aspects of horticulture, or as buyers of horticulture products in the U.S. or in international markets. With careful selection of business courses, Horticulture graduates can complete a minor in Business Administration with one additional course.

Requirements Effective Fall 2023

Freshman

		AUCC	Credits
AREC 202	Agricultural and Resource Economics (GT-SS1)	3C	3
BZ 120	Principles of Plant Biology (GT-SC1)	3A	4
BUS 220	Ethics in Contemporary Organizations (GT-AH3)	3B	3
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 (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion)		1C	3
	Total Credits		**29**

Sophomore

ACT 205	Fundamentals of Accounting		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		
HORT 2XX, HORT 3XX, or HORT 4XX			3
Advanced Writing (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing)		2	3
Electives			6
	Total Credits		**29-30**

Junior

BZ 440	Plant Physiology		3
MGT 305	Fundamentals of Management		3
MKT 305	Fundamentals of Marketing		3
STAT 204	Statistics With Business Applications (GT-MA1)	1B	3
Select one course from the following:			3
AREC 408	Agricultural Finance		
FIN 305	Fundamentals of Finance		
Agricultural Economics, Business, or Economics Upper-Division[1]			3
AB 3XX, AB 4XX, BSPM 3XX, or BSPM 4XX			5

HORT 2XX, HORT 3XX, or HORT 4XX			6
	Total Credits		**29**
Senior			
HORT 310	Greenhouse Management	4B	4
HORT 454	Horticulture Crop Production and Management	4A,4C	2
HORT 476	Environmental Plant Stress Physiology		3
Agricultural Economics, Business, or Economics Upper-Division[1]			3
HORT 2XX, HORT 3XX, or HORT 4XX			6
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)		3B	3
Historical Perspectives (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)		3D	3
Electives[2]			8-9
	Total Credits		**32-33**
	Program Total Credits:		**120**

[1] Select any upper-division (300- to 400-level) course not required or selected elsewhere in the program from the following subject codes: ACT, AREC, BUS, CIS, FIN, MGT, MKT, REL; or ECON 335, ECON 340, ECON 346.

[2] 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).

Major Completion Map

Freshman

Semester 1		**Critical**	**Recommended**	**AUCC**	**Credits**
AREC 202	Agricultural and Resource Economics (GT-SS1)			3C	3
BZ 120	Principles of Plant Biology (GT-SC1)			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)			1B	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)			1B	1
Diversity, Equity, and Inclusion (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion)				1C	3
	Total Credits				**14**
Semester 2		**Critical**	**Recommended**	**AUCC**	**Credits**
BUS 220	Ethics in Contemporary Organizations (GT-AH3)			3B	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)			1A	3
HORT 100	Horticultural Science			3A	4
CO 150 and AUCC 1B (Quantitative Reasoning) must be completed by the end of Semester 2.		X			
	Total Credits				**15**

Sophomore

Semester 3		**Critical**	**Recommended**	**AUCC**	**Credits**
ACT 205	Fundamentals of Accounting				3
SOCR 240	Introductory Soil Science				4
Select one course from the following:					3-4
BUS 150	Business Computing Concepts and Applications				
CS 110	Personal Computing				
Electives					6

BZ 120 must be completed by the end of Semester 3.			X		
	Total Credits				**16-17**
Semester 4		**Critical**	**Recommended**	**AUCC**	**Credits**
HORT 260	Plant Propagation				4
SPCM 200	Public Speaking				3
Advanced Writing (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#advanced-writing)				2	3
HORT 2XX, HORT 3XX, or HORT 4XX					3
	Total Credits				**13**
Junior					
Semester 5		**Critical**	**Recommended**	**AUCC**	**Credits**
MGT 305	Fundamentals of Management				3
STAT 204	Statistics With Business Applications (GT-MA1)			1B	3
Agricultural Economics, Business or Economics Upper-Division					3
AB 3XX, AB 4XX, BSPM 3XX, or BSPM 4XX					2
HORT 2XX, HORT 3XX, or HORT 4XX					3
	Total Credits				**14**
Semester 6		**Critical**	**Recommended**	**AUCC**	**Credits**
BZ 440	Plant Physiology		X		3
MKT 305	Fundamentals of Marketing				3
Select one course from the following:					3
AREC 408	Agricultural Finance				
FIN 305	Fundamentals of Finance				
AB 3XX, AB 4XX, BSPM 3XX, or BSPM 4XX					3
HORT 2XX, HORT 3XX, or HORT 4XX					3
	Total Credits				**15**
Senior					
Semester 7		**Critical**	**Recommended**	**AUCC**	**Credits**
HORT 310	Greenhouse Management			4B	4
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)				3B	3
Agricultural Economics, Business or Economics Upper-Division					3
HORT 2XX, HORT 3XX, or HORT 4XX					3
Elective					3
	Total Credits				**16**
Semester 8		**Critical**	**Recommended**	**AUCC**	**Credits**
HORT 454	Horticulture Crop Production and Management		X	4A,4C	2
HORT 476	Environmental Plant Stress Physiology		X		3
HORT 2XX, HORT 3XX, or HORT 4XX			X		3
Historical Perspectives (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)			X	3D	3
Elective			X		5-6
The benchmark courses for the 8th semester are the remaining courses in the entire program of study.			X		
	Total Credits				**16-17**
	Program Total Credits:				**120**