



The Associate of Arts degree (A.A.) at JCCC is a general transfer degree and partners well with the first two years of most bachelor degree programs. Students pursuing the A.A. may select courses that satisfy both the A.A. degree requirements and lower division requirements for a bachelor's degree at four-year institutions. The 30 hours of electives within the A.A. allow students to complete additional general education and lower division courses required for specific majors. The A.A. degree requires completion of 60 credit hours, the maximum number of hours from a community college that will be applied toward a bachelor's degree at most four-year schools. Meeting with a JCCC counselor is strongly recommended for selection of appropriate courses.

Horticulture Science Specialization

This option is intended for students who plan to pursue a graduate degree. Universities, state and federal agencies, and industries need trained scientists who can teach, conduct research, and communicate research findings to the public to increase the production and effective use of horticultural products. Many who earn the master of science degree work as consultants, technical representatives, community college instructors, and county extension agents. Those earning a doctorate degree work at universities, the USDA, and research and development for industry firms.

This degree requires a minimum of 120 credit hours. **A maximum of half of the 120 total credits required for this degree may be transferred to K-State from a community college.**

K-State 8 and General Education Program

Each student must successfully complete credit-bearing courses/experiences to cover all of the K-State 8 areas. Some of the K-State 8 areas may be covered in the student's major. The intent of K-State 8 is for students to explore the perspectives of disciplines that may be quite different from those of their own majors. To learn more about K-State 8 and read the eight subject area descriptions, see <https://www.k-state.edu/kstate8/>.

The information below is a guide for students planning to take courses at JCCC that will apply toward the B.S. degree in Horticulture specializing in Horticulture Science Specialization at K-State.

It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer guide is provided as a service and is updated as needed. Degree requirements at the four-year colleges are subject to change by those institutions. To ensure you have the most accurate up to date information about the program, it is imperative you meet with an advisor at the transfer institution.

K-State Requirements

JCCC Equivalents

I. Communications (14-16 hours)	Hrs		Hrs
COMM 105 Public Speaking	2	SPD 121 Public Speaking	3
ENGL 100 Expository Writing I	3	ENGL 121 Composition I*	3
ENGL 200 Expository Writing I	3	ENGL 122 Composition II*	3
Communication electives	3-5	FL *** Any FL course except ASL (Spanish preferred) OR SPD 120 Interpersonal Communication OR SPD 180 Intercultural Communication	3-5 3 3
Writing Elective	3	ENGL 222 Advanced Composition* OR ENGL 223 Creative Writing*	3 3

K-State Requirements

JCCC Equivalents

II. Humanities/Social Sciences Electives (6 hours)	Hrs		Hrs
6 credit hours of electives	6	Select two courses from the following: Any JCCC ANTH course ARTH 180 Art History: Ancient to Renaissance ARTH 182 Art History: Renaissance to Modern Any JCCC English course except 121, 122 or 130 Any JCCC HIST course MUS 121 Introduction to Music Listening MUS 126 Introduction to World Music Any JCCC PHIL course Any JCCC POLS course Any JCCC PSYC course except 215 and 218 Any JCCC SOC course except 131 Any JCCC SPD course Any JCCC FL course except ASL (Spanish preferred) Note: JCCC Courses may have prerequisites or corequisites.	3 3 3 3 3 3 3 3 3 3 3 3 3-5

III. Quantitative Sciences (22 hours)			
CHEM 210 Chemistry	4	CHEM 124/125 General Chemistry I Lecture*/Lab*	4/1
CHM 230 Chemistry II	4	CHEM 131/132 General Chemistry II Lecture*/Lab*	4/1
CHM 350 General Organic Chemistry	3	CHEM 140 Principles of Organic and Biological Chemistry*	5
MATH 205 General Calculus & Linear Algebra	3	MATH 231 Business and Applied Calculus*	3
PHYS 115 Descriptive Physics	5	PHYS 133 Applied Physics*	5
Statistics Elective	3	MATH 181 Statistics*	3

IV. Agricultural/Biological Sciences (36-37 hours)			
BIOL 198 Principles of Biology	4	BIOL 135 Principles of Cell and Molecular Biology	4
HORT 201 Principles of Horticultural Science	4	HORT 201 Introduction to Horticultural Science	4
Biology/Environmental Science Elective	3	BIOL 130 Environmental Science	3
Other courses will be taken at K-State			

V. Agricultural Economics/Business Electives (6 hours)			
ACCTG 231 Accounting for Business Operations	3	ACCT 222 Managerial Accounting* (due to prerequisites of ACCT 121 and ACCT 122, fewer hours are required to complete this requirement at K-State)	3
ECON 110 Principles of Macroeconomics OR ECON 120 Principles of Microeconomics	3 3	ECON 230 Principles of Macroeconomics OR ECON 231 Principles of Microeconomics	3 3

VI. Horticulture Requirement (23 hours)			
HORT 350 Plant Propagation	3	HORT 205 Plant Propagation	3
Additional courses will be taken at K-State			

VII. Plant Science Electives (9 hours)		Courses will be taken at K-State	
HORT 374 Landscape Plants I	3	HORT 214 Woody Plants, Deciduous	3
HORT 375 Landscape Plants II		HORT 215 Woody Plants, Evergreens	3

VIII. Unrestricted Electives (4 hours)	4	Any transferrable JCCC course. Transferrable prerequisites taken at JCCC to complete courses in previous sections may fulfill this requirement.	

* JCCC course has a prerequisite or corequisite.