JOHNSON COUNTY COMMUNITY COLLEGE
Transfer Program to Kansas State University
College of Arts and Sciences
Integrated Computer Science, B.A./B.S.
2024-2025 Catalog

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The information below is a guide for students planning to take courses at JCCC that will apply toward the Integrated Computer Science B.A./B.S. degree at K-State.

Integrated Computer Science integrates computer science with domain knowledge in some external area of concentration. The degree combines a student-selected concentration from any field of study outside of computer science with a computational core focused on real-world programming skills, electives expanding those skills and providing additional cultural and ethical knowledge, and a capstone project applying those skills to the concentration area. Integrated Computer Science equips students to apply computational thinking and methods in a wide variety of possible careers and to become academic, cultural, and industrial leaders who integrate the breadth and depth of an arts and sciences education with technical expertise in computer science.

- Up to half of the credits required for a four-year degree may be completed at accredited two-year colleges. The Integrated Computer Science, B.A./B.S. requires 120 semester credit hours; 60 credit hours can be applied from accredited two-year colleges.
- Each student must complete at least 30 K-State resident credits to be considered for a degree from K-State.
- A minimum of 45 hours must be at a course level of 300 or higher.
- Of the last 30 credit hours earned (300 or higher) at least 15 credits must be completed at K-State."
- Letter grades are required. Courses with "pass" or "credit" in lieu of letter grade can apply only as unrestricted electives.
- For K-State course descriptions and prerequisites, see https://catalog.k-state.edu/.
- Effective Fall 2024: Students transferring to K-State, with an AA, AFA or AS degree from JCCC will be considered to have satisfied K-State Core general education curriculum.
- Effective Fall 2024: Students who transfer to K-State, without completing AA, AFA or AS degree will have courses evaluated on a course-by-course basis toward meeting K-State requirements. To learn more about courses that satisfy K-State Core requirements visit: https://www.k-state.edu/provost/kstate-core/index.html and https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/course-search.html
- K-State Core General Education guide can be found here.

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	Hrs	JCCC Equivalents	Hrs
In addition to the basic requirements for a BS or BA from the College of Arts & Sciences, https://www.jccc.edu/student-resources/transfer/files/transfer-guides/ksu-arts-and-sciences-ba-bs.pdf students must complete the following:			
Minimum Credits within the Major: 59 credit hours (Note: 41 hrs. + 18 hrs. in an outside concentration)			
Required Computer Science courses (17 credit hours)			
CIS 116 Introduction to Programming *(alternative to CC 111 Elements of Computer Programming)*	1	CS 202 Concepts of Programming Algorithms using Python*	4
CC 210 Fundamentals Computer Programming Concepts	4	CS 252 Basic Data Structures Using Python*	4
Additional required coursework must be completed at K-State.			
Computer Science Electives (12 credit hours) – will be taken at K-State.			
Integration Electives (12 credit hours) – Students must complete four courses from the list of integration areas: Digital Arts & Humanities; Cultural Impacts of Technology; and Moral Reasoning and Professional Ethics, with at least one course in each integration area, and at least one Moral reasoning course being either PHILO 386 or PHILO 492.			
ANTH 204 A General Education Introduction to Cultural Anthropology	3	ANTH 125 Cultural Anthropology	3
Additional courses will be taken at K-State.			
Concentration (18+ credit hours) – will be taken at K-State.			
In additional to K-State Core General Education requirements for BS degree:			
Natural Science Course	3-5	Refer to KSU Course Equivalency for accepted JCCC course.	3-5
Non-Quantitative Social Science: Any social science course that does NOT have a MATH or STAT prereq	3	Refer to KSU Course Equivalency for accepted JCCC course.	3
In additional to K-State Core General Education requirements for BA degree:			
Fine Arts	3	Must take at K-State.	3
Non-Quantitative Social Science: Any social science course that does NOT have a MATH or STAT prereq	3	Must take at K-State.	3
Second Language	3-16	Refer to KSU Course Equivalency for accepted JCCC FL courses.	10

* JCCC course has a prerequisite or corequisite.