

Integrated Computer Science, BA, BS

Kansas State University

Johnson County Community College Transfer Program to the Kansas State University	Elli Archer
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Integrated Computer Science, B.A./B.S.	earcher@k-state.edu
Academic Year 2025-2026	https://www.cs.ksu.edu/

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.

- The Integrated Computer Science, B.A./B.S. requires 120 semester credit hours. No more than seventy-five hours may be transferred as credit from a community college.
- 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.
- Visit the KSU catalog (<https://catalog.k-state.edu/>) for course descriptions and prerequisites.
- Students transferring to KSU, that complete the General Education requirements required for the Associate of Arts (AA) (<https://catalog.jccc.edu/degreerequirements/associate-arts/>), Associate of Fine Arts (AFA) (<https://catalog.jccc.edu/degreerequirements/associate-fine-arts/>) or Associate of Science (AS) (<https://catalog.jccc.edu/degreerequirements/associate-science/>) degree from JCCC will be considered to have satisfied KSU's core general education curriculum.
- Students who transfer to KSU, without completing the General Education requirements required for the Associate of Arts (AA) (<https://catalog.jccc.edu/degreerequirements/associate-arts/>), Associate of Fine Arts (AFA) (<https://catalog.jccc.edu/degreerequirements/associate-fine-arts/>) or Associate of Science (AS) (<https://catalog.jccc.edu/degreerequirements/associate-science/>) degree will have courses evaluated on a course-by-course basis toward meeting KSU requirements. To learn more about courses that satisfy KSU Core Requirements (<https://catalog.k-state.edu/content.php?catoid=60&navoid=12133>) and KSU Transfer Equivalency Tool (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/course-search.html>).
- Visit the KSU Core General Education Guide (<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fnextcatalog.jccc.edu%2Ftransfer-guides%2Fk-state%2Fk-state-general-education&data=05%7C02%7Cskhalif2%40jccc.edu%7C3bbbe8fc84564328cf7008de1320415e%7C15244239dcf245e7aefd127b69fc5438%7C1%7C0%7C638969226426376370%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWU5IiYiOiIlwLjAuMDAwMCIslIAiOiJXaW4zMilslkFOljoitWFFpbCIsIlldUjIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=p6L6HF0HBpB3aL3uFUWnztw8qzBp%2FiSMV2qIS%2FvLwxE%3D&reserved=0>) for JCCC equivalents.

In addition to the basic requirements for a BS/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)

Course Code Code	Course Title Title	Course Hours Hours	Transfer Code Hours	Transfer Title	Transfer Hours
Required Computer Science courses (17 credit hours)					
CS 202	Concepts of Programming Algorithms using Python*	4	CIS 116	Introduction to Programming	
CS 252	Basic Data Structures Using Python*	4	CC 210	Fundamentals Computer Programming Concepts	

Additional required coursework must be completed at K-State.

Computational 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.

Course Code Code	Course Title Title	Course Hours Hours	Transfer Code Hours	Transfer Title	Transfer Hours
ANTH 125	Cultural Anthropology	3	ANTH 200 & ANTH 204 & ANTH 210	Intercultural Relations and GE Intro Cultural Anthropology and "Intro Cultural Anthropol, Hon"	3

Concentration (18+ credit hours) – will be taken at K-State.

In addition, to K-State Core General Education requirements for BS degree:

Course Code Code	Course Title Title	Course Hours Hours	Transfer Code Hours	Transfer Title	Transfer Hours
MATH 171	College Algebra* Visit the KSU Course Equivalency database for JCCC equivalent.	3	MATH 100	College Algebra	3

Natural Science Course
Equivalency database for JCCC equivalent.

Non-Quantitative Social Science: Any social science course that does NOT have a MATH or STAT prereq
Visit the KSU Course Equivalency database for JCCC equivalent.

In addition, to K-State Core General Education requirements for BA degree:

Course Code Code	Course Title Title	Course Hours Hours	Transfer Code Hours	Transfer Title	Transfer Hours
MATH 171	College Algebra*	3	MATH 100	College Algebra	3

Fine Arts Must take at K-State.

Non-Quantitative Social Science: Any social science course that does NOT have a MATH or STAT prereq
Must take at K-State.

Second Language Visit the KSU Course Equivalency database for JCCC equivalent.

* JCCC course has a prerequisite or corequisite.



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^ If not met through K-State Core requirements, MATH 100 is required.

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