



**Johnson County Community College  
Transfer Program to the  
University of Kansas - Edwards Campus  
School of Professional Studies  
Biotechnology, Bachelor of Applied Science  
2024-2025 Catalog**

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<https://edwardscampus.ku.edu/overview-bachelors-biotechnology>

**The program is geared for students who already have earned an associate degree or equivalent hours and are looking to complete the last two years necessary for a bachelor's degree. Courses will be offered in the morning and afternoons at the KU Edwards Campus. Students can progress through the program without relocating and complete bachelor's degree requirements in a timely manner.**

The Associate of Arts degree (A.A.) and Associate of Science degree (AS) at JCCC are general transfer degrees that partner well with the first two years of most bachelor's degree programs. Students pursuing the A.A./A.S. may select courses that satisfy both the A.A. or A.S. degree requirements and lower division requirements for a bachelor's degree at four-year institutions. The elective hours within the A.A./A.S. allow students to complete additional general education and lower division courses required for specific majors. The A.A. and A.S. degrees require completion of 60 credit hours. JCCC degree requirements can be found at: <http://catalog.iccc.edu/degreerequirements/> It is possible that additional community college credit hours can be applied toward a bachelor's degree at KU Edwards. Contact your KU Edwards academic success coach for more information on the limits of credit hours to be transferred as it varies by program. **Meeting with a JCCC counselor is strongly recommended for selection of appropriate courses.**

The Bachelor of Applied Science in Biotechnology is designed for individuals who are seeking degrees or training that will enhance their professional qualifications and laboratory skills. The program will consist of managerial skills and hands-on learning built into the biotechnology program that greatly increases the career opportunities for graduates. Students will be prepared for life-science professions that require management and communication skills, as well as specific laboratory skills sets and first-hand experience working with scientists and scholars in the Kansas City area. Grounded in biological sciences, chemistry and advanced technology, the Biotechnology program employs biological systems to solve scientific challenges that impact society. When a student graduates with a BAS in Biotechnology, they will be a confident, independent laboratory scientist.

### **Admission**

Biotechnology is a cohort-based program; students must start in the fall semester. Applicants are assured admission with 24+ transferable credit hours with a GPA of 2.5. Only transfer grades of "C-" or higher will count towards KU degree requirements. All grades count in the transferable GPA used for admission decisions. Apply at <https://admissions.ku.edu/> by selecting the Transfer application and selecting the Edwards Campus. Students must complete specific prerequisite courses prior to being admitted into the Biotechnology program.

### **Transfer Credit**

To see how your credits transfer to KU, visit <https://credittransfer.ku.edu/> choose Kansas, then JCCC.

### **Graduation Requirements**

Students must earn 120 hours for graduation, of which 45 must be upper division. Thirty of the hours must be at KU. Community college courses do not transfer as junior/senior hours. Students must satisfy the KU Core, the BS requirements, all courses in the major, and enough electives to total 120 hours.

## KU Core 34 Requirements

- Effective Fall 2024: Students transferring to KU, with an AA, AFA or AS degree from JCCC will be considered to have satisfied KU's Core 34 general education curriculum.
- Effective Fall 2024: Students who transfer to KU, without completing AA, AFA or AS degree will have courses evaluated on a course-by-course basis toward meeting KU requirements. To learn more about courses that satisfy KU Core 34 requirements visit: <https://catalog.ku.edu/core34/> and <https://credittransfer.ku.edu/>
- KU's Core 34 General Education guide can be found [here](#).

## KU Core 34 Requirements & Recommended courses to be taken at JCCC for Biotechnology

KU Courses	Hrs	JCCC Courses	KU Core 34	Hrs
Core 34: English	6	<a href="#">See KU Core 34 General Education guide</a>	ENG	6
Core 34: Communications	3	<a href="#">See KU Core 34 General Education guide</a>	CMS	3
Core 34: Math and Statistics	3	<a href="#">See KU Core 34 General Education guide</a>	MTS	3
Core 34: Natural and Physical Sciences CHEM 130 General Chemistry I^^	5	CHEM 124/125 General Chemistry I/Lab*	NPS/NLEC/ NLAB	4/1
Core 34: Social and Behavior Science (Select two courses in two different disciplines)	6	<a href="#">See KU Core 34 General Education guide</a>	SBS	6
Core 34: Arts and Humanities (Select two courses in two different disciplines)	6	<a href="#">See KU Core 34 General Education guide</a>	AH	6
Core 34: US Culture – Institutionally Designated	3	<a href="#">See KU Core 34 General Education guide</a>	USC	3
Core 34: Global Culture - Institutionally Designated	3	<a href="#">See KU Core 34 General Education guide</a>	GLBC	3
BIOL 150/154 Principles of Molecular and Cellular Biology with lab	3/1	BIOL 135 Principles of Cell and Molecular Biology		4
One 100+ Biology Related Course (BIOL 152 Organismal Biology preferred)	5	BIOL 150 Biology of Organisms* (preferred)		5
MGMT 310 Principles of Management	3	BUS 241 Principles of Management		3
CHEM 135 General Chemistry II	5	CHEM 131/132 General Chemistry II/Lab*		4/1
CHEM 330/331 Organic Chemistry I	3/2	CHEM 220 Organic Chemistry I*		5
MATH 365 Elementary Statistics	3	MATH 181 Statistics*		3
PHSX 114 College Physics I	5	PHYS 130 College Physics I*		5

\* JCCC course has a prerequisite or corequisite.

^^This course is a Required major course and is also part of Core 34: Systemwide General Education. If this course is not taken to fulfill the Core 34: SGE requirement, it must be taken in place of elective hours.

**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.**