Transfer Guide
Bachelor of Applied Science in Biotechnology
Johnson County Community College

Join a thriving industry. 200 companies in the Kansas City region. 20,000 employees and counting. $1.8 billion dollars generated annually. If you haven't heard of biotechnology, you will soon. It's a field that's rapidly growing. And with career options like lab managers, microbiologists, life scientists and biological technicians, it's going to take innovative people like you to help move the field forward. Consider the biotechnology major offered only at the KU Edwards Campus in the Kansas City metropolitan area.

Biotechnology is grounded in biological sciences, chemistry and advanced technology. Biotech scientists employ biological systems to solve scientific challenges and positively impact our society. The medical, food, environmental and agricultural sciences, as well as the animal health and pharmaceutical industry, are all considered part of the biotechnology field. A KU Bachelor of Applied Science in Biotechnology degree will prepare you for a life-science career that requires management and communication skills as well as specific laboratory knowledge. KU's biotechnology program takes a dramatically different approach compared to other programs. Each course is specifically designed to draw upon students' knowledge to solve real-world problems. Regardless of which career opportunity you choose to pursue, your ability to apply scientific knowledge and answer relevant biotech-related challenges will give you a major advantage over your peers.

Admission applications to the University of Kansas may be completed online at www.admissions.ku.edu/transfer. Gaining admission to the University of Kansas requires the submission of official college transcripts from all previously attended colleges/universities. For scholarship consideration, we encourage you to apply to KU by May 1st prior to the fall semester you plan to begin or November 1st prior to the spring semester you plan to begin. Note that most biotechnology classes are offered during daytime hours.

This transfer guide provides important information and a sample four-semester plan for a student starting at Johnson County Community College and transferring to KU for the remaining coursework. Each student's background and academic goals are unique. Thus, **we strongly recommend early and continuous communication with an academic advisor**. See contact information at the bottom of this page.

KU Core

The KU Core establishes six educational goals for all undergraduates at KU. The KU Core is designed to yield fundamental skills, build a broad background of knowledge, generate capacities and opportunities for blending and creating ideas, strengthen an appreciation of cultural and global diversity, and cultivate ethical integrity. One unit for the KU Core is equivalent to three credit hours. A number of these requirements will be met by courses in the biotechnology major.

General Education Goal 1:
Critical Thinking and Quantitative Literacy
(one unit: GE 1.1, one unit: GE 1.2, two units total)

General Education Goal 2:
Strengthen written and oral communication
(two units: GE 2.1, one unit GE 2.2, three units total)

General Education Goal 3:
Develop a background of knowledge across fundamental areas of study
(one unit each: GE 3H, GE 3S, GE 3N, three units total)

Advanced Education Goal 4:
Respect human diversity and expand cultural understanding and global awareness
(one unit: AE 4.1, one unit: AE 4.2, two units total)

Advanced Education Goal 5:
Practice social responsibility and demonstrate ethical behavior
(one unit: AE 5.1, or one unit: AE 5.2, one unit total)

Advanced Education Goal 6:
Gain the ability to integrate knowledge and think creatively
(completed within major at KU)

Edwards Campus	Nicole Wilburn, Academic Success Coach
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www.edwardscampus.ku.edu/biotech

First Semester

KU Requirement	Recommended Course at JCCC	
Composition, ENGL 101 (GE 21)	ENGL 121	☐
College Algebra, MATH 101 (GE 12)	MATH 171	☐
Speaker-Audience Communication, COMS 130 (GE 22)	SPD 121	☐
General Chemistry 1 with Lab, CHEM 130 (GE 3N)	CHEM 124/125	☐

Second Semester

KU Requirement	Recommended Course at JCCC	
Critical Reading and Writing, ENGL 102 (GE 21)	ENGL 122	☐
General Chemistry 2 with Lab, CHEM 135 (GE 3N)	CHEM 131/132	☐
Princ. of Molecular & Cellular Biology, BIOL 150 (GE 3N)	BIOL 135	☐
GE 3H KU Core Requirement	Select Approved GE 3H Course	☐

Third Semester

KU Requirement	Recommended Course at JCCC	
Organic Chemistry 1 and Lab, CHEM 330 & 331[1]	CHEM 220	☐
Princ. of Organismal Biology, BIOL 152 (GE 3N)	BIOL 150	☐
GE 3S KU Core Requirement[2]	Select Approved GE 3S Course	☐
AE 41 KU Core Requirement[3]	Select Approved AE 41 Course	☐

Fourth Semester

KU Requirement	Recommended Course at JCCC	
College Physics I, PHSX 114 (GE 11 Core)	PHYS 130	☐
Statistics, MATH 365 (GE 12)[1]	MATH 181	☐
AE 42 KU Core Requirement	Select Approved AE 42 Course	☐
AE 51 KU Core Requirement	Select Approved AE 51 Course	☐

Additional Notes for Transfer Students

- [1]Transfer courses may be matched to a course of higher level at KU, but the level of credit is defined by the originating institution. All community college courses are lower level.
- [2]Biotechnology prefers that an introductory psychology course be taken to satisfy this requirement.
- [3]Biotechnology prefers than an introductory sociology course be taken to satisfy this requirement.
- If any of the entries above show "No Equivalent Course," contact the advisor listed on the reverse side of this document for direction on a course to substitute.
- Transfer credits with earned grades of D+ and below will not satisfy degree requirements but are included in the transfer GPA.
- Sixty-four credits may be transferred to KU from community colleges. Students should be aware that 56 hours must be completed at a four-year institution, 45 junior/senior credit hours are required, and 30 of those must be completed at KU for completion of the bachelor's degree.
- View the most up-to-date listings of transferable courses at: www.CreditTransfer.KU.edu. You can search by specific KU Core goal or view many of the courses that transfer to KU. If a class is not listed contact transfercredit@ku.edu to inquire about transferability.
- It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer program is provided as a service and is updated annually. Degree requirements are subject to change.