



Johnson County Community College
Transfer Program to the University of Kansas
B.S. in Clinical Laboratory Science
2023-2024 Catalog

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<https://www.kumc.edu/school-of-health-professions/academics/departments/clinical-laboratory-sciences.html>

- Application to enter KU's Clinical Laboratory Science should be made one year prior to their anticipated enrollment date to enter the program. The priority deadline to apply is December 15 of the year before the anticipated start date. Also required: complete college transcript(s) and three letters of recommendation, two of which should be from college basic science instructors. Class size is limited and admission is competitive.
- All courses listed on this guide must be completed before admittance to the Medical Center with a minimum grade of "C" or better. The student must have earned a 2.70 GPA overall and in the following courses: chemistry, biology, and math.
- Students who are interested in the KUMC BS Degree in Clinical Laboratory Sciences are required to complete 57 prerequisite credit hours prior to beginning the Professional Program at the KU Medical Center campus. Because all prerequisites must be completed during the freshman and sophomore years, students need to ensure that all the KU Core Curriculum requirements are met. This guide applies for both the traditional Clinical and Molecular Biotechnology concentrations.
- Students are required to complete 66 credit hours of junior/senior level course work to satisfy graduation requirements.
- The program requires that at least one laboratory course in biology and chemistry be taken in an on-campus laboratory, face to face format. Applicants are strongly encouraged to take all laboratory courses in the face to face format, although virtual laboratory courses will be accepted.
- **NOTE:** Classes may count for a major requirement and a core requirement but may **NOT** count for 2 different core requirements.

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.

Program Requirements

KU Courses	Hrs	JCCC Courses	Hrs	KU Core
BIOL 150 Principles of Molecular and Cellular Biology [^]	3	BIOL 135 Principles of Cell and Molecular Biology	4	GE 3N
BIOL 350 Intro to Genetics	4	BIOL 205 General Genetics*	4	N/A
BIOL 246 Principles of Human Physiology	3	BIOL 225 Human Physiology*	4	N/A
BIOL 400/402 Fund. of Microbiology/Lab	3/2	BIOL 230/231 Microbiology*/Lab*	3/2	GE 3N
CHEM 130 General Chemistry I	5	CHEM 124/125 General Chemistry I*/Lab*	4/1	GE 1.2
CHEM 135 General Chemistry II	5	CHEM 131/132 General Chemistry II*/Lab*	4/1	GE 1.2
CHEM 330/331 Organic Chemistry I/Lab	5	CHEM 220 Organic Chemistry I*	5	N/A
COMS 130 Speaker-Audience Communication	3	COMS 121 Public Speaking	3	GE 2.2
ENGL 101 Composition	3	ENGL 121 Composition I*	3	GE 2.1
ENGL 102 Critical Reading and Writing	3	ENGL 122 Composition II*	3	GE 2.1
MATH 101 College Algebra OR	3	MATH 171 College Algebra* OR	3	GE 1.2
MATH 104 Precalculus Math OR	5	MATH 173 Precalculus* OR	5	
MATH 115 Calculus	3	MATH 231 Business & Applied Calculus I*	3	
MATH 365 Elementary Statistics	3	MATH 181 Statistics*	3	N/A
KU Core Goal GE 3H	3	See list for Goal GE 3H	3	GE 3H
KU Core Goal GE 3S	3	See list for Goal GE 3S	3	GE 3S
KU Core Goal AE 4.1	3	See list for Goal AE 4.1	3	GE 4.1
KU Core Goal AE 4.2	3	See list for Goal AE 4.2	3	GE 4.2

* JCCC course has a prerequisite or corequisite

[^] Lab component for this course is not required for Pre-CLS majors

Please note: BIOL 140 Human Anatomy (4 hours) **OR** BIOL 144 Human Anatomy and Physiology* (5 hours) are prerequisites for BIOL 225 Human Physiology* (4 hours) at JCCC.

KU Core Requirements

The KU Core comprises three general education goals and three advanced education goals. The general education goals are best met early in a student's career. The advanced education goals are most appropriately acquired using the foundation of knowledge gained from the general education goals and progression through the major. Courses can be used to satisfy one Core goal at a time but may satisfy a major requirement and a core goal. Students that complete the A.A. at JCCC meet the KU Core Goals 1-3. To learn more about courses that satisfy the KU Core visit <https://credittransfer.ku.edu>

KU Core Goal GE 1.1, AE 5.1, AE 5.2, AE 6.1 and AE 6.2 will be completed by upper division coursework in the degree program at The KU Medical Center.