

Pre-Medicine

University of Kansas

Johnson County Community College Transfer Program to the University of Kansas	Pre-Health Outreach Coordinator
School of Medicine	913-945-9782
Premedicine	collegeinfo@ku.edu
Academic Year 2025-2026	https://prehealth.ku.edu/medicine

Program Description

- Most medical schools, including the KU School of Medicine, require a full bachelor's degree before entering. Any bachelor's degree (BA, BS, etc.) and any major is acceptable, as long as coursework includes **two semesters each of English, Biology, General Chemistry I and II with labs, Organic Chemistry I and II with at least one lab, and Physics I and II with labs**. All science prerequisites must be completed at the level of science majors. These courses should be completed by the end of a student's junior year because they also cover content needed for the Medical College Admission Test (MCAT).

Admission Requirements

- A maximum of 75 hours may be transferred to KU from community colleges. Students should be aware that 45 junior/senior credit hours are required for completion of the bachelor's degree; 30 of those hours must be at KU; and community college courses do not transfer as junior/senior hours. Some courses, like organic chemistry, would not count toward this requirement if taken at community college but would count toward the requirement if taken at a four-year college or university. Students need to work with their Bachelor's degree granting institution to ensure appropriate upper division hour requirements are met. Visit the Transfer Information Guide (<https://www.jccc.edu/student-resources/academic-counseling/transfer/files/transfer-guides/ku-transfer-info.pdf>) for transfer admission procedures and qualifications
- Applicants are strongly encouraged to diversify their undergraduate education. While not required for admission to the School of Medicine, a number of courses and subject areas are recommended to medical school bound students. Suggested courses and disciplines include: Immunology (strongly encouraged) Biochemistry (strongly encouraged), Genetics (strongly encouraged), Physiology, Microbiology, other upper-level biology, natural sciences, behavior and social sciences, humanities, oral and written communications, social determinants of health (strongly encouraged; examples include cultural or social anthropology, public or population health, epidemiology, environmental health, health economics, health policy, history of medicine or public health, ethics related to health care).
- Health care experience: Applicants are also expected to possess a general understanding of health care and medicine based upon employment, shadowing or volunteer experiences. Although we do not require specific hours, we do encourage you to invest the time you need to acquire knowledge of the roles of members of the health care team, as well as understanding of the meaning of working with patients and serving them as a physician.
- Pass/Fail Coursework - Students required by their college or university to accept a Pass/Fail or Credit/No Credit grade will not be penalized by the School of Medicine. The School of Medicine does accept Pass/Fail and Credit/No Credit grades for course prerequisites but prefers to see letter grades. Students with the option of accepting a letter grade or a Pass/Fail or Credit/No Credit grade may want to consider the impact on the overall science GPA and cumulative GPA if a course does not have a letter grade.
- Online Coursework and Labs - Online coursework and labs are acceptable.
- Letters of Evaluation - We do not specifically require a school committee letter. If your school is unable to provide one, please submit 3 to 5 letters of reference instead.
- Medical College Admissions Test (MCAT): Currently includes four sections: 1. Chemical and Physical Foundations of Biological Systems, 2. Critical Analysis and Reasoning, 3. Biological and Biochemical Foundations of Living Systems, and 4. Psychological, Social and Biological Foundations of Behavior.
- Personal Interviews: When the proper credentials have been submitted to the University of Kansas School of Medicine, selected applicants are invited for interviews.
- Residence: Qualified students who are residents of the State of Kansas are given priority in admission to the KU Medical School, after which, highly qualified candidates from other states are given consideration.

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 information about the program, you must meet with an advisor at the transfer institution.

Program Prerequisites

Courses KU Premedical Students take:

Course Code Code	Course Title Title	Course Hours Hours	Transfer Code	Transfer Title	Transfer Hours
BIOL 135	Principles of Cell and Molecular Biology +	4	BIOL 150 Prin. of Molecular and Cellular Biology AND BIOL 154 Introductory Biology Lab for STEM Majors		
BIOL 150	Biology of Organisms*	5	BIOL 152	Prin of Organismal Biology	3
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	5	CHEM 130	General Chemistry I	5
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	5	CHEM 135	General Chemistry II	5

CHEM 220	Organic Chemistry I*	5	CHEM 330 & CHEM 331	Organic Chemistry I and Organic Chemistry I Laboratory	5
CHEM 221	Organic Chemistry II* +	5	CHEM 335 & CHEM 336	Organic Chemistry II and Organic Chemistry II Lab	5

Select one of the following:

ENGL 121	Composition I*	3	ENGL 101	Composition	3
ENGL 119	College Composition I with Review*	5	ENGL 101	Composition	3
ENGL 122	Composition II*	3	ENGL 102	Critical Reading and Writing	3
PHYS 130	College Physics I*	5	PHSX 114	College Physics I	4
PHYS 131	College Physics II*	5	PHSX 115	College Physics II	4
PSYC 130	Introduction to Psychology ^	3	PSYC 104	General Psychology	3

Select one of the following:

SOC 122	Introduction to Sociology	3	SOC 104	Elements of Sociology	3
SOC 125	Social Problems ^	3	SOC 160	Social Problems Amer Values	3

CHEM 250	Biochemistry* #	4	BIOL 600	Introductory Biochemistry	
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**Recommended courses depending on
intended medical school:**

ANTH 160	Medical Anthropology	3	GIST 210	Culture and Health	3
BIOL 132	Introduction to Public Health	3	HSCI 340	Introduction to Public Health	3
BIOL 140	Human Anatomy	4	BIOL 240	Fundamentals of Human Anatomy AND BIOL 241 Human Anatomy Observation Lab	

Select one of the following:

MATH 201	Statistics*	3	MATH 365	Elementary Statistics	3
PSYC 209	Statistics in Psychological Research*	3	PSYC 210	Statistics Psychological Rsrch	3
MATH 231	Business and Applied Calculus I*	3	MATH 115	Calculus I	3
MATH 241	Calculus I*	5	MATH 125	Calculus I	4

* JCCC course has a prerequisite or corequisite.

^ Strongly encouraged by KU.

This class covers the MCAT content but is NOT a direct equivalent to KU's BIOL 600.

+ KU School of Medicine does not require BIOL 154 lab or CHEM 336 lab. If student decides to take them, they could help in preparation for future medical school curriculum.