



JOHNSON COUNTY COMMUNITY COLLEGE
Transfer Program to the University of Kansas
Premedicine
 2008-2010 Catalog

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- ❖ 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 with labs, chemistry with labs, organic chemistry with labs, and physics with labs**. 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). In addition, the KU School of Medicine requires college algebra or higher mathematics, and some medical schools require one or two semesters of calculus, one semester of biochemistry, and/or one semester of genetics.
- ❖ **Only 64 credit hours of community college coursework can count toward the hours required for a four-year degree at KU or any Kansas Board of Regents University.** You also need to complete at least 45 credit hours of junior/senior level coursework, and community colleges cannot give junior/senior level credit. 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.

The following courses meet minimum requirements at the KU School of Medicine and most medical schools:

Courses KU Students Typically Take				JCCC Equivalents			
ENGL	101	Composition	3	___ ENGL	121	Composition I	3
ENGL	102	Critical Reading and Writing	3	___ ENGL	122	Composition II	3
BIOL	150	Prin. of Molecular and Cellular Biology	4	___ BIOL	135	Prin. of Cell and Molecular Biology	4
BIOL	152	Principles of Organismal Biology	4	___ BIOL	150	Biology of Organisms	5
CHEM	184	Foundations Chemistry I	5	___ CHEM	124/125	Gen Chemistry I/Lab	4/1
CHEM	188	Foundations Chemistry II	5	___ CHEM	131/132	Gen Chemistry II/Lab	4/1
CHEM	624/625	Organic Chemistry I/Lab	3/2	___ *CHEM	220	Organic Chemistry I	5
CHEM	626/627	Organic Chemistry II/Lab	3/2	___ *CHEM	221	Organic Chemistry II	5
PHSX	114	College Physics I	4	___ PHYS	130	General Physics I	5
PHSX	115	College Physics II	4	___ PHYS	131	General Physics II	5
MATH	101	College Algebra or higher	3	___ MATH	171	College Algebra or higher (At least one semester of Calculus is encouraged.)	3
KU does offer many other courses which may be used to meet requirements; therefore, these particular courses are not required.				* Will satisfy requirement, but <u>will not</u> count as junior/senior credit hours.			

Although biochemistry no longer meets the KU requirements, students are strongly encouraged to have completed one semester of biochemistry before entering medical school.

The updated admission requirements state that applicants are encouraged to select courses, within their major and outside, that they find stimulating and that fulfill requirements for the baccalaureate degree. While not required, statistics, biochemistry and upper level biology courses are helpful in providing additional preparation for the medical school curriculum. Students are strongly advised to balance their work in the natural sciences with the following disciplines: anthropology, communications, computer science, economics, ethics, family life studies, fine arts, human development, literature, philosophy, psychology and sociology. A broad understanding of health care and medicine is also expected. Work and/or volunteer experiences (including physician shadowing) in settings such as health care agencies, hospitals and physician offices are strongly recommended. For additional information, see www.kumc.edu/som/admissionreqs.html.

Medical College Admission Test

Includes these areas: Verbal Reasoning, Physical Sciences, Biological Sciences, Writing Sample.

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 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 program is provided as a service and is updated at least annually. Degree requirements at the four-year colleges are subject to change by those institutions.