JAYHAWK PRE HEALTH ADVISING

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PRE-MEDICINE PLANNING GUIDE (CORE 34)

Pre-Medicine is a track made up of courses required for entry to the Doctor of Medicine (MD) program in KU's School of Medicine. Students complete these requirements alongside the bachelor's degree of their choice. The MCAT is required for admission into any Allopathic or Osteopathic Medicine program. Other schools may have different admission requirements, so it's important to meet with a Pre-Health Academic Advisor early!

More information can be found by visiting prehealth.ku.edu.

REQUIRED FOR ADMISSION	OPTIONS AT KU	CORE 34 (FALL 2024 & AFTER)	NOTES
Molecular & Cellular Biology	BIOL 150*	NPS	KU School of Medicine does not require BIOL 154 lab.
Organismal Biology	BIOL 152	NPS	KU School of Medicine does not require BIOL 154 lab.
General Chemistry I (with lab)	CHEM 130*	NPS	
General Chemistry II (with lab)	CHEM 135	NPS	
Organic Chemistry I (with lab)	CHEM 330 & CHEM 331	NPS	
Organic Chemistry II	CHEM 335		KU School of Medicine does not require CHEM 336 lab.
Physics I (with lab)	PHSX 114*	NPS	
Physics II (with lab)	PHSX 115	NPS	
English Composition I	ENGL 101	ENG	
English Composition II	ENGL 102	ENG	

REQUIRED KNOWLEDGE FOR MCAT	OPTIONS AT KU	CORE 34 (FALL 2024 & AFTER)	NOTES
Biochemistry	BIOL 600		
Social Sciences	PSYC 104	SBS	
Culture and Diversity	SOC 104 or SOC 160	SBS	

RECOMMENDED	OPTIONS AT KU	CORE 34 (FALL 2024 & AFTER)	NOTES
Genetics	BIOL 350		
Microbiology	BIOL 400		
Immunology	BIOL 503		Recommended in preparation for future medical school curriculum.
Physiology	BIOL 546		
Social Determinants of Health	GIST 210; PHIL 370; SOC 424, etc.		GIST 210 is recommended as it fulfills Core 34 GLBC.

***Courses marked with an asterisk have prerequisites not already listed above. Please see a Pre-Health Academic Advisor for guidance.**

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THINGS TO CONSIDER

- These requirements are paired with a bachelor's degree of your choice from KU. It is not required to major in Biology or Chemistry and should be something you enjoy and can academically succeed in!
- Students typically take the MCAT between their junior and senior years, but it's best to take it whenever you've completed the courses needed to do well on the exam.
- Schedule an appointment with the University Career Center to prepare applications, resumes, and interview materials for medical schools.
- KU Med accepts online coursework and labs though other programs may not.
- Applicants must possess health care experience, either through job shadowing, volunteer work, or employment. A specific number of hours is not required.
- Sample sequencing:
    - 1st Fall: CHEM 130, BIOL 150
    - 1st Spring: CHEM 135, BIOL 152
    - 2nd Fall: CHEM 330 + 331, PSYC 104
    - 2nd Spring: CHEM 335 + 336, SOC 104/160
    - 3rd Fall: PHSX 114, BIOL 600
    - 3rd Spring: PHSX 115