JAYHAWK PRE HEALTH ADVISING

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PRE-MEDICINE CARE PLANNING GUIDE (KU CORE)

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 Doctor of Medicine 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

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

- Molecular & Cellular Biology
  - Options at KU: BIOL 150*
  - KU Core 3N
  - Notes: KU School of Medicine does not require BIOL 154 lab.
- Organismal Biology
  - Options at KU: BIOL 152
  - KU Core 3N
  - Notes: KU School of Medicine does not require BIOL 154 lab.
- General Chemistry I
  - Options at KU: CHEM 130*
  - KU Core 1.2 or 3N
- General Chemistry II
  - Options at KU: CHEM 135
  - KU Core 3N
- Organic Chemistry I with lab
  - Options at KU: CHEM 330 & CHEM 331
  - KU Core 3N
- Organic Chemistry II
  - Options at KU: CHEM 335
  - Notes: KU School of Medicine does not require CHEM 336 lab.
- Physics I with lab
  - Options at KU: PHSX 114*
  - KU Core 1.1, 1.2 or 3N
- Physics II with lab
  - Options at KU: PHSX 115
- English Composition I
  - Options at KU: ENGL 101
  - KU Core 2.1.1
- English Composition II
  - Options at KU: ENGL 102
  - KU Core 2.1.2

REQUIRED KNOWLEDGE FOR MCAT

- Biochemistry
  - Options at KU: BIOL 600
  - Notes: Required knowledge for MCAT.

Updated 5/28/2025

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- Social Sciences
  - Options at KU: PSYC 104
  - KU Core 3S
  - Notes: Required knowledge for MCAT.
- Culture and Diversity
  - Options at KU: SOC 104 or SOC 160
  - KU Core 4.1
  - Notes: Required knowledge for MCAT.

RECOMMENDED

- Genetics
  - Options at KU: BIOL 350
- Microbiology
  - Options at KU: BIOL 400
  - KU Core 3N
- Immunology
  - Options at KU: BIOL 503
  - Notes: Recommended in preparation for future medical school curriculum.
- Physiology
  - Options at KU: BIOL 546
- Social Determinants of Health
  - Options at KU: GIST 210; PHIL 370: SOC 424, etc.
  - Notes: GIST 210 is recommended as it fulfills KU Core 4.2

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

Updated 5/28/2025