JAYHAWK PRE HEALTH ADVISING

prehealth.ku.edu
prehealth@ku.edu
Summerfield 315
785-864-2834

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 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 pre-requisites not already listed below. Please see a Pre-Health Academic Advisor for guidance.

- Molecular & Cellular Biology
  - Options at KU: BIOL 150*
  - Core 34 NPS
  - Note: KU School of Medicine does not require BIOL 154 lab.
- Organismal Biology
  - Options at KU: BIOL 152
  - Core 34 NPS
  - Note: KU School of Medicine does not require BIOL 154 lab.
- General Chemistry I (with lab)
  - Options at KU: CHEM 130*
  - Core 34 NPS
- General Chemistry II (with lab)
  - Options at KU: CHEM 135
  - Core 34 NPS
- Organic Chemistry I (with lab)
  - Options at KU: CHEM 330 & 331
  - Core 34 NPS
- Organic Chemistry II
  - Options at KU: CHEM 335
  - Note: KU School of Medicine does not require CHEM 336 lab.
- College Physics I
  - Options at KU: PHSX 114*
  - Core 34 NPS
- College Physics II
  - Options at KU: PHSX 115
  - Core 34 NPS
- English Communication I
  - Options at KU: ENGL 101
  - Core 34 ENG
- English Communication II
  - Options at KU: ENGL 102
  - Core 34 ENG

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REQUIRED KNOWLEDGE FOR MCAT

- Biochemistry
  - Options at KU: BIOL 600
- Social Sciences
  - Options at KU: PSYC 104
  - Core 34 SBS
- Culture and Diversity
  - Options at KU: SOC 104 or SOC 160
  - Core 34 SBS

RECOMMENDED

- Genetics
  - Options at KU: BIOL 350
- Microbiology
  - Options at KU: BIOL 400
- Immunology
  - Options at KU: BIOL 503
  - Note: 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.
  - Note: GIST 210 is recommended as it fulfills Core 34 GLBC.

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

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