JAYHAWK PRE HEALTH ADVISING

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PRE-VETERINARY PLANNING GUIDE (CORE 34)

Pre-Veterinary is a track designed to prepare students for admission into a veterinary medicine program. Students complete these courses alongside the bachelor's degree of choice. KU does not have a veterinary medicine program, but regional programs include Kansas State University and the University of Missouri. Students who complete the courses below will be eligible for both programs previously listed; students interested in other programs should meet with a Pre-Health Academic Advisor early to review other requirements.

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

COMMON REQUIREMENTS

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

- General Chemistry I
  - Options at KU: CHEM 130
  - Core 34 NPS
- General Chemistry II
  - Options at KU: CHEM 135
  - Core 34 NPS
- Organic Chemistry I w/ Lab
  - Options at KU: CHEM 330 & 331
  - Core 34 NPS
- Biochemistry
  - Options at KU: BIOL 600
- College Physics I
  - Options at KU: PHSX 114
  - Core 34 NPS
- College Physics II
  - Options at KU: PHSX 115
  - Core 34 NPS
- Molecular & Cellular Biology
  - Options at KU: BIOL 150
  - Core 34 NPS
- Organismal Biology
  - Options at KU: BIOL 152
  - Core 34 NPS
- Biology Lab for STEM Majors
  - Options at KU: BIOL 154
- Microbiology w/ lab
  - Options at KU: BIOL 400 & 402
- Mammalian Physiology w/ lab
  - BIOL 546 & 547
- Genetics
  - Options at KU: BIOL 350
- College Algebra or higher mathematics
  - Options at KU: MATH 101 or higher
  - Core 34 MTS

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- Composition I
  - Options at KU: ENGL 101
  - Core 34 ENG
- Composition II
  - Options at KU: ENGL 102
  - Core 34 ENG
- Oral Communication
  - Options at KU: COMS 130
  - Core 34 CMS
- Social Sciences and/or Humanities (12 credit hours)
  - Core 34 SBS and/or AH
  - Notes: Students are encouraged to take PSYC 104, SOC 104/SOC 160, PHIL 160 or other history, economics, political science coursework.
- Electives (10 credit hours)
  - Notes: Any courses of interest.

RECOMMENDED

- Immunology
  - Options at KU: BIOL 503
- Cell Structure and Function
  - Options at KU: BIOL 416
- Medical Parasitology w/ lab
  - Options at KU: BIOL 480 & BIOL 481
- General Virology
  - Options at KU: BIOL 512
- Animal Behavior
  - Options at KU: BIOL 652*

THINGS TO CONSIDER

- Requirements for admission to a veterinary program are paired with a bachelor's degree of your choice from KU.
- If you plan to attend veterinary school directly after senior year, plan early!
  - The admission process typically includes an application through the Veterinary Medical College Application Services (VMCAS), a supplemental application, recommendation letters, and interviews. Make sure to give references a deadline and ample time to complete letters.
  - Observation/work in veterinary offices is required for most programs; volunteering/research are recommended.
- Sample timeline for the above courses (to be taken with courses in your selected major)
  - 1st Fall: CHEM 130, BIOL 150, BIOL 154
  - 1st Spring: CHEM 135, BIOL 152
  - 2nd Fall: CHEM 330 & CHEM 331, BIOL 400 & BIOL 402
  - 2nd Spring: BIOL 350, PHSX 114
  - 3rd Fall: PHSX 115, BIOL 600
  - 3rd Spring: PHSX 115, BIOL 546 & BIOL 547