Overview:

Pre-Veterinary medicine is a career interest, usually developed together with a bachelor's degree. Students prepare by taking courses to meet veterinary school requirements, studying to learn concepts and earn mostly A's and B's, gaining experience by shadowing veterinarians, taking the Graduate Record Exam (GRE) and applying for admission to veterinary schools.

KU offers many related courses, academic support services, an informative website, weekly e-newsletters, related student organizations, service and research opportunities, application assistance and trained premedical advisors.

If you're currently a KU student, you can bring your KUID to 109 Strong Hall, and add the preveterinary interest code to get application reminders, and announcements about related club meetings and volunteer opportunities.

The following courses meet requirements for the Kansas State College of Veterinary Medicine:

- ENGL 101 Composition (3 credit hours) or 105 Freshman Honors English (3)
- ENGL 102 Critical Reading & Writing (3) or 205 Freshman-Sophomore Honors Proseminar (3)
- BIOL 150 Principles of Molecular & Cellular Biology or 151 Honors (4, CHEM 130, 170 or 180 is co-requisite)
- BIOL 350 Principles of Genetics or 360 Honors (4)
- BIOL 400 Fundamentals of Microbiology or 401 Honors (3), and 402 Lab (2)
- BIOL 600 Introductory Biochemistry (3)
- CHEM 130 General Chemistry I, 170 for Chemical Science Majors, or 190 Honors (5, must be calculus-eligible)
- CHEM 135 General Chemistry II, 175 for Chemical Science Majors, or 195 Honors (5)
- CHEM 310 Fundamentals of Organic Chemistry (3) or 330 Organic Chemistry I (3), and 331 Lab (2)
- PHSX 114 College Physics I (4), 211 General Physics I (3) and 216 Lab (2), or 213 Honors (5)
- PHSX 115 College Physics II (4), 212 General Physics II (3) and 236 Lab (2), or 214 Honors (4)
- COMS 130 Speaker-Audience Communication or 131 Honors (3)
- 12 hours of social sciences and humanities
- Electives to reach a total of at least 64 credit hours

*Some veterinary colleges require a two semester sequence of organic chemistry with labs, e.g., CHEM 330, 331, 335 and 336.

Additional science courses are recommended, especially BIOL 152 Principles of Organismal Biology and BIOL 546 Mammalian Physiology.

Sample Plan

Here’s one option for sequencing required and recommended science courses:

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<th>1st Fall</th>
<th>1st Spring</th>
<th>2nd Fall</th>
<th>2nd Spring</th>
<th>3rd Fall</th>
<th>3rd Spring</th>
<th>4th Fall</th>
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<td>CHEM 135</td>
<td>CHEM 330</td>
<td>BIOL 350</td>
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For more information: medadvising.ku.edu