

PRE-DENTISTRY PLANNING GUIDE (CORE 34)

Pre-Dentistry is a track designed to prepare students for admission into a dentistry program. Students complete these courses alongside a bachelor's degree of their choice. The University of Kansas **does not** have a dentistry program; the closest School of Dentistry is at the University of Missouri – Kansas City, but we can help you prepare for a program of your choice. The courses below are **commonly** required for admission, but each program is different – **it's important to meet with a Pre-Health Academic Advisor early!**

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.

- 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
 - Options at KU: BIOL 154
 - Core 34 NPS
- Human Anatomy with lab
 - Options at KU: BIOL 240 & BIOL 241
 - Core 34 NPS
- Human Physiology with lab
 - Options at KU: BIOL 246 & BIOL 247
 - Core 34 NPS
- 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 with lab
 - Options at KU: CHEM 330 & 331
 - Core 34 NPS
- Organic Chemistry II with lab
 - Options at KU: CHEM 335 & 336
- 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 ENGL
- English Communication II
 - Options at KU: ENGL 102
 - Core 34 ENGL

RECOMMENDED

- Microbiology
 - Options at KU: BIOL 200 or BIOL 400
 - Core 34 NPS
- Genetics
 - Options at KU: BIOL 350
- Biochemistry
 - Options at KU: BIOL 600
 - Note: Required for UMKC's program.
- Statistics
 - Options at KU: MATH 365
 - Core 34 MTS

THINGS TO CONSIDER

- These requirements are paired with a bachelor's degree from KU. It's important to review admission requirements for any dental programs of interest. Admission requirements may differ.
- Register for the Dental Admission Test (DAT), usually taken directly after junior year. It's important to complete coursework that's covered on the exam prior to taking it.
- The admission process includes an application, recommendation letters, and interviews. Make sure to give references a deadline and time to complete letters.
- Observation and work in dental offices are strongly recommended, as are volunteering and research projects. Sample timeline for the above courses (to be taken with courses in your selected major)
 - 1st Fall: CHEM 130, BIOL 150
 - 1st Spring: CHEM 135, BIOL 152, BIOL 154
 - 2nd Fall: CHEM 330 & CHEM 331
 - 2nd Spring: CHEM 335, & CHEM 336, BIOL 350
 - 3rd Fall: BIOL 240, BIOL 241, MATH 365
 - 3rd Spring: BIOL 246, BIOL 247, BIOL 600
 - 4th Fall: PHSX 114
 - 4th Spring: PHSX 115