

## PRE-DENTISTRY CARE PLANNING GUIDE (KU CORE)

**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](http://prehealth.ku.edu).

### COMMONLY REQUIRED

\*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
- Organismal Biology
  - Options at KU: BIOL 152
  - KU Core 3N
- Biology Lab for STEM
  - Options at KU: BIOL 154
- Human Anatomy with lab
  - Options at KU: BIOL 240 & BIOL 241
- Human Physiology with lab
  - Options at KU: BIOL 246 & BIOL 247
- General Chemistry I
  - Options at KU: CHEM 130\*
  - KU Core 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 with lab
  - Options at KU: CHEM 335 & CHEM 336
- Physics I
  - Options at KU: PHSX 114\*
  - KU Core 1.1, 3N
- Physics II
  - 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

## RECOMMENDED

- Microbiology
  - Options at KU: BIOL 200 or BIOL 400
  - KU Core 3N
- Genetics
  - Options at KU: BIOL 350
- Biochemistry
  - Options at KU: BIOL 600
  - Notes: Required for UMKC's program.
- Statistics
  - Options at KU: MATH 365
  - KU Core 1.2

## 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 is strongly recommended, as are volunteering and research projects.
- Sample schedule:
  - 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