

PRE-OPTOMETRY PLANNING GUIDE (KU CORE)

Pre-Optometry is a track made up of courses required for entry into a Doctor of Optometry program. Students complete these requirements alongside the bachelor's degree of their choice. The University of Kansas **does not** have an optometry program, but a Pre-Health Academic Advisor can help you prepare for the program of your choice. The courses below are **commonly** required for admission, but each program is different – it's important to check admission requirements for the schools to which you are applying.

More information can be found by visiting 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
- Microbiology with lab
 - BIOL 400 & BIOL 402
 - KU Core 3N
- Biochemistry
 - Options at KU: BIOL 600
- 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
- Calculus I
 - Options at KU: MATH 115* or MATH 125*
 - KU Core 1.2
- College Physics I
 - Options at KU: PHSX 114*
 - KU Core 1.1 or 3N
- College Physics II
 - Options at KU: PHSX 115
- Psychology
 - Options at KU: PSYC 104
 - KU Core 3S
- Statistics

- Options at KU: PSYC 210 or MATH 365*
- KU Core 1.2
- Written Communication I
 - Options at KU: ENGL 101
 - KU Core 2.1.1
- Written Communication II
 - Options at KU: ENGL 102
 - KU Core 2.1.2

COMMONLY REQUIRED

- Human Anatomy with lab
 - Options at KU: BIOL 240 & BIOL 241
- Human or Mammalian Physiology with lab
 - Options at KU: BIOL 246 & BIOL 247 or BIOL 546 or BIOL 547
- Child Development
 - Options at KU: ABSC 160 or PSYC 333

THINGS TO CONSIDER

- The closest program is at the University of Missouri in St. Louis, but students apply to schools across the country.
- Register for the Optometry Admission Test (OAT) - it's typically taken in late May, immediately after junior year.
- Application deadlines differ by program; it's recommended that you submit your Optometry Central Application Service (OptomCAS) application in the summer between junior and senior years.
- Schedule an appointment with the University Career Center to prepare applications, resumes, and for interviews.
- Experience with optometrists and patients is important - consider job shadowing, volunteering, or employment!
- Sample schedule:
 - 1st Fall: CHEM 130, BIOL 150
 - 1st Spring: CHEM 135, BIOL 152, BIOL 154
 - 2nd Fall: CHEM 330 & CHEM 331, BIOL 400 & BIOL 402
 - 2nd Spring: BIOL 600, PSYC 104
 - 3rd Fall: PHSX 114, MATH 365
 - 3rd Spring: PHSX 115