prehealth.ku.edu
prehealth@ku.edu
Summerfield 315
785-864-2834

PRE-OPTOMETRY PLANNING GUIDE (CORE 34)

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	OPTIONS AT KU	CORE 34 (FALL 2024 & AFTER)	NOTES
Molecular & Cellular Biology	BIOL 150*	NPS	
Organismal Biology	BIOL 152	NPS	
Biology Lab for STEM	BIOL 154	NPS	
Microbiology w/ lab	BIOL 400 & BIOL 402		
Biochemistry	BIOL 600		
General Chemistry I	CHEM 130	NPS	
General Chemistry II	CHEM 135	NPS	
Organic Chemistry I w/ lab	CHEM 330 & CHEM 331	NPS	
Calculus I	MATH 115* or MATH 125*	MTS	
College Physics I	PHSX 114*	NPS	
College Physics II	PHSX 115	NPS	
Psychology	PSYC 104	SBS	
Statistics	PSYC 210 or MATH 365*	MTS	
Written Communication I	ENGL 101	ENG	
Written Communication II	ENGL 102	ENG	

RECOMMENDED	OPTIONS AT KU	CORE 34 (FALL 2024 & AFTER)	NOTES
Human Anatomy w/ lab	BIOL 240 & BIOL 241	NPS	
Human or Mammalian Physiology w/ lab	BIOL 246 & BIOL 247 or BIOL 546 & BIOL 547		BIOL 246/247 fulfills Core 34 NPS requirement.
Child Development	ABSC 160 or PSYC 333	SBS	

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

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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 deadline 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