Pre-optometry at KU

Curriculum Guide
Pre-optometry is a track made up of courses required for entry to an Optometry school. Students complete these requirements alongside the bachelor’s degree of their choice.

KU does not have an Optometry program. We can help prepare you for a Doctor of Optometry program of your choice.

For more information please visit: PreHealth.ku.edu Information can be found regarding advising, applications, involvement, resources, and career coaching.

Most Optometry schools require:
- BIOL 150 Principles of Molecular & Cellular Biology (4)
- BIOL 152 Principles of Organismal Biology (4)
- BIOL 400 Microbiology and BIOL 402 lab (5)
- BIOL 600 Biochemistry (3)
- CHEM 130 General Chemistry I (5)
- CHEM 135 General Chemistry II (5)
- CHEM 330 Organic Chemistry I (3) and 331 Lab (2)
- PHSX 114 College Physics I (4)
- PHSX 115 College Physics II (4)

Optometry Schools also require:
- MATH 115 Calculus I (3)
- MATH 365 Statistics (3)
- PSYC 104 General Psychology (3)

Most Optometry Schools Recommend:
- BIOL 240 Human Anatomy and BIOL 241 lab (5)
- BIOL 546 - Mammalian Physiology and BIOL 547 lab (5)
- PSYC 333 Child Psychology (3)
  - 1st Fall: Biology I, Chemistry I
  - 1st Spring: Biology II, Chemistry II
  - 2nd Fall: Organic Chem I and lab, Microbiology and lab
  - 2nd Spring: Biochemistry, Psychology
  - 3rd Fall: Physics I, Statistics
  - 3rd Spring: Physics II

Notes: To begin your first semester in BIOL 150 and CHEM 130 you must be calculus eligible. This requires a Math ACT of 26+ or credit for College Algebra. CHEM 130 is a co-requisite for BIOL 150.

These requirements can be paired with any bachelor’s degree. Meet with an advisor to plan your graduation timeline.
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Check with your advisor about course substitutions and Honors courses. Check with schools you are interested in to see what entry exams are required.