PRE-OPTOMETRY INFORMATION

Overview:

Pre-Optometry is a career interest, usually developed together with a bachelor’s degree. Students prepare by taking courses to meet optometry school requirements, studying to learn concepts and earn mostly A’s and B’s, shadowing optometrists, taking the Optometry Admission Test (OAT) and applying for admission to optometry schools.

KU offers many related courses, academic support services, an informative website, weekly e-newsletters, related student organizations, service and research opportunities, application assistance and trained premedical advisors.

If you’re currently a KU student, you can bring your KUID to 109 Strong Hall, and add the Pre-Optometry interest code to get application reminders, and announcements about related club meetings and volunteer opportunities.

**Most optometry schools require:**
- ENGL 101 Composition (3 credit hours) or 105 Freshman Honors English (3)
- ENGL 102 Critical Reading & Writing (3) or 205 Freshman-Sophomore Honors Proseminar (3)
- BIOL 150 Principles of Molecular & Cellular Biology or 151 Honors (4, CHEM 130, 170 or 180 is co-requisite)
- BIOL 152 Principles of Organismal Biology or 153 Honors (4)
- BIOL 400 Fundamentals of Microbiology or 401 Honors (3), and 402 Lab (2)
- CHEM 130 General Chemistry I, 170 for Chemical Science Majors, or 190 Honors (5, must be calculus-eligible)
- CHEM 135 General Chemistry II, 175 for Chemical Science Majors, or 195 Honors (5)
- CHEM 310 Fundamentals of Organic Chemistry or 330 Organic Chemistry I (3), and 331 Lab (2)
- PHSX 114 College Physics I (4), 211 General Physics I and 216 Lab (4&1), or 213 Honors (5)
- PHSX 115 College Physics II (4), 212 General Physics II and 236 Lab (3&1), or 214 Honors (4)
- PSYC 104 General Psychology or 105 Honors (3, Missouri requires 2 semesters)
- PSYC 210, MATH 365, or BIOL 570 (3)

**Some require, and most recommend:**
- BIOL 240 Human Anatomy (3) & 241 Lab (2)
- BIOL 546 Mammalian Physiology (4) & 647 Lab (2), or 246 Human Physiology (3) & 247 Lab (2)
- BIOL 600 Introductory Biochemistry or 636 Biochemistry I (3)

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**Sample Plan**

Here’s one way of sequencing the science courses for Missouri, Oklahoma, and Tennessee:

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For more information: medadvising.ku.edu