



# HEALTH SCIENCES Pre-Optometry

<b>Suggested Courses for Pre-Optometry</b>			
<b>(Note: Check with your potential schools for additional information)</b>			
BIOL 122 Biological Concepts: Evolution, Diversity, and Ecology	3	BIOL 131 Human Anatomy and Physiology	4
BIOL 123 Biological Concepts: Evolution, Diversity, and Ecology Lab	1	PHYS 231 Introduction to Physics and Biophysics I	3
BIOL 226 Microbial Biology and Diversity	3	PHYS 232 Laboratory for Physics and Biophysics I	1
BIOL 227 Microbial Biology and Diversity Lab	1	PHYS 332 Introduction to Physics and Biophysics II	3
BIOL 446 Biochemistry I	3	PHYS 233 Laboratory for Physics and Biophysics II	1
BIOL 447 Biochemistry Laboratory	2	PSY 100 Introduction to Psychology	3
CHEM 120 College Chemistry I	3	PSY 220 Introduction to Lifespan Developmental Psychology	3
CHEM 121 College Chemistry I Laboratory	2	MATH 183 Introductory Statistics	3
CHEM 222 College Chemistry II	3	MATH 136 Calculus I	4
CHEM 223 College Chemistry II Laboratory	2	CHEM 340 Organic Chemistry I	3
CHEM 341 Organic Chemistry Laboratory I	2		

- **Additional required and/or recommended prerequisite courses include English, Calculus or College Mathematics, Statistics, Psychology, Inorganic/General Chemistry, Genetics and others. Be sure to check your desired optometry school for their required prerequisites and additional information.**
- **Other courses strongly recommended or required by some schools include: Animal/Human Anatomy and Physiology. Courses that will assist in OAT preparation and your first 2 years in optometry school include: Cell/Molecular Biology, Genetics, Cell Biology, Histology, and Immunology.**
- **Applicants must receive a letter grade of C or higher for all required prerequisite courses.**
- **Note: Some schools do not accept AP credit. Consult with your advisor to ensure all prerequisite courses and experience requirements are met by your senior year.**
- **Competitive applications to these programs usually include some degree of extracurricular activities.**

FOR INFORMATION ON  
OPTOMETRY ADMISSION TEST

[HTTPS://OPTOMETRICEDUCATION.ORG](https://optometriceducation.org)

WESTERN KENTUCKY UNIVERSITY | DEPARTMENT OF PUBLIC HEALTH

