

# PRE-OPTOMETRY

Students intending to apply for admission to a graduate program in optometry would be best prepared by completing a Biology B.S (<http://catalog.csp.edu/archive/2021-2022/undergraduate/majors/biology-bs-traditional/>).

Code	Title	Credits
These are the generally required courses for entrance into optometry school. <sup>1</sup>		
<b>Biology with lab (1 year)</b>		
BIO 120	General Biology I (4)	
BIO 130	General Biology II (4)	
<b>General Chemistry with lab (1 year)</b>		
CHE 115	General Chemistry I (4)	
CHE 116	General Chemistry II (4)	
<b>Organic Chemistry with lab</b>		
CHE 221	Organic Chemistry I (4)	
<b>Anatomy and Physiology with lab (1 year)</b>		
BIO 315	Human Anatomy and Physiology I (4)	
BIO 316	Human Anatomy and Physiology II (4)	
<b>Physics with lab (1 year)</b>		
PHS 112	Introductory Physics for Biological and Health Sciences I (4)	
or PHS 221	General Physics I (Calc Based) (4)	
PHS 113	Introductory Physics for Biological and Health Sciences II (4)	
or PHS 222	General Physics II (Calc Based) (4)	
<b>Other required courses</b>		
BIO 300	Microbiology (4)	
BIO 430	Immunology (4)	
CHE 328	Biochemistry I (4)	
MAT 110	Introduction to Probability and Statistics (3)	
MAT 135	Calculus I (4)	
PSY 101	Introduction to Psychology (4)	

<sup>1</sup> Students should look into specific requirements for each school they plan to apply to.