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/undergraduate/majors/biology-bs-traditional/).

Code	Title	Credits
These are the generally required courses for entrance into optometry school. [1]		
Biology with lab (1 year)		
BIO 120	General Biology I (4)	
BIO 130	General Biology II (4)	
General Chemistry with lab (1 year)		
CHE 115	General Chemistry I (4)	
CHE 116	General Chemistry II (4)	
Organic Chemistry with lab		
CHE 221	Organic Chemistry I (4)	
Anatomy and Physiology with lab (1 year)		
BIO 315	Human Anatomy and Physiology I (4)	
BIO 316	Human Anatomy and Physiology II (4)	
Physics with lab (1 year)		
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)	
Other required courses		
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 102	Introduction to Psychology (3)	

[1] Students should look into specific requirements for each school they plan to apply to.