

**Highland Community College Suggested Program of Study
Pre-Optometry (Associate in Science)**

The Pre-Optometry Program is designed for individuals who wish to pursue a degree of Doctor of Optometry. Students should work closely with their academic advisor to select the proper courses necessary to prepare for admission to a college of optometry. Colleges of optometry emphasize mathematics, physics, chemistry, and biology. Some colleges require psychology, social science, literature, philosophy, and foreign languages.

The student may write directly for information to The American Optometric Association, 243 N. Lindbergh Blvd., St. Louis, MO 63141.

Course Number	Course Name	Credit Hour
<u>Basic Skills</u>		
COL 103	College Success and Orientation	1
ENG 101	College English I	3
ENG 102	College English II	3
MAT 104	College Algebra	3
SP 106	Public Speaking	3
	PE Elective	1
	Computer Literacy Elective	1
<u>Humanities</u>		
PHI 102	Introduction to Ethics	3
	Humanities Elective	3
<u>Social & Behavioral Science</u>		
PSY 101	General Psychology	3
SOC 101	General Sociology	3
<u>Mathematics or Science</u>		
BS 101	College Biology	5
PS 111	College Chemistry I	5
PS 112	College Chemistry II	5
PS 203	General Physics I	5
<u>Electives</u>		
BS 203	Microbiology	5
MAT 106	Calculus w/ Analytic Geometry I	5
MAT 203	Basic Statistics	3
PS 204	General Physics II	5

Potential Employment Applications of Degree

Optometrists examine people's eyes to identify vision problems, disease, and other abnormalities. They prescribe corrective procedures such as eye glasses, contact lenses, low vision aids, and have extensive training in detection and recognition of diseases of the eye. Special equipment is used to examine the eye. An optometrist must learn the basic sciences that relate to optometry, be accurate, have good finger dexterity, have good vision, and work well with people.

