

PRE-OPTOMETRY

In order to receive the doctor of optometry (O.D.) degree, individuals must complete a four-year program at a board-approved school of optometry. Most students interested in optometry first complete a liberal arts degree with a major in biology.

The following courses are required for admission to most schools of optometry, although each optometry school has a slightly different set of prerequisite courses. Students are advised to look up required courses at their schools of choice and to consider consulting the Association of Schools and Colleges of Optometry (optometriceducation.org (<http://optometriceducation.org>)).

Code	Title	Credits
BIOL 1710 & BIOL 1720	Foundations of Biology: Diversity and Evolution with Lab and Foundations of Biology: Cell and Molecular Biology with Lab	8
Select one of the following two anatomy course sequences:		8
BIOL 2610 & BIOL 2620	Human Anatomy and Physiology I with Lab and Human Anatomy and Physiology II with Lab	
BIOL 3120 & BIOL 3140	Human and Comparative Vertebrate Anatomy with Lab and Human and Comparative Animal Physiology with Lab	
BIOL 3210 or BIOL 2200	Biology of Microorganisms with Lab Introduction to Microbiology with Lab	4
CHEM 1110 & CHEM 1120	General Chemistry I with Lab and General Chemistry II with Lab	8
CHEM 2010	Organic Chemistry I with Lab	4
ENGL 1905W	College Writing	4
MATH 1130	Calculus I	4
Select one of the following two physics course sequences:		8
PHYS 1110 & PHYS 1120	Introductory Physics I with Lab and Introductory Physics II with Lab	
PHYS 1080 & PHYS 1090	Physics for the Health Sciences I with Lab and Physics for the Health Sciences II with Lab	
PSYC 1001	General Psychology with Lab	4
STAT 1090	Statistical Analysis (or other statistics course)	4

Recommended:

CHEM 2020 Organic Chemistry II with Lab

CHEM 4400 Biochemistry with Lab

PSYC 2025 Lifespan Developmental Psychology

PHIL 3400 Biomedical Ethics