

Pre-Optometry Student

Course Reference

Required Pre-Optometry Course Work

All prerequisite courses must be taken for a grade (not Pass/No Pass). The courses required for admission to most optometry schools are listed below. **Consult the web sites or catalogs of the schools to which you plan to apply to determine each school's specific requirements.**

Biology

Course Description		Hours	Semester
BIO 207/277	Introduction to Molecular and Cellular Biology	4 (w/lab)	
BIO 208/278	Introduction to Evolution and Ecology	4 (w/ lab)	
BIO 301/361	Microbiology	4 (w/lab)	
BIO 305/365	Human Anatomy & Physiology I	4 (w/lab)	
BIO 306/366	Human Anatomy & Physiology II	4 (w/lab)	

Chemistry

Course Description		Hours	Semester
CHM 207/277	General Chemistry I and Lab	4 (w/ lab)	
CHM 208/278	General Chemistry II and Lab	4 (w/ lab)	
CHM 325/375	Organic Chemistry I and Lab	4 (w/ lab)	
CHM 326/376	Organic Chemistry II and Lab	4 (w/ lab)	

Physics

Course Description		Hours	Semester
PHY 201/271	College Physics and Lab (Fall Semester Only)	4 (w/ lab)	
PHY 202/272	College Physics and Lab (Spring Semester Only)	4 (w/ lab)	
OR			
PHY 204/274	General Physics and Lab	4 (w/ labs)	
PHY 205/275	General Physics and Lab	4 (w/ labs)	

Note: College PHY is recommended unless General PHY is required for your major

Mathematics

Course Description		Hours	Semester
MTH 161	Elementary Statistics	3	
MTH 201	Calculus I (BIO Focused Sections Spring Only)	4	

Social Sciences

Course Description		Hours	Semester
PSY 101	Psychological Science	3	

English

Course Description		Hours	Semester
ENG 107 or 311	College Writing or Advanced Writing	3	

Please note the above pre-requisite information is based on Pacific University's Optometry program in Oregon. Make sure to check other schools of interest for any differences in preparatory course work.

Please also note about Pacific University Optometry:

- *No grade below a C will be accepted in any prerequisite coursework*
- *A maximum of 8 semester credits of AP or IB courses may be used towards prerequisite coursework*
- *A maximum of 12 semester credits of online coursework may be used towards prerequisite coursework and all labs must be in person, not online*
- *Science coursework must be taken within the last 10 years*

Observation Experience

10 hours of direct observation with an optometrist is strongly recommended for Pacific's Program. Check other programs for specific hours and observation requirements.

Additional Information

The ASCO has numerous internet resources available on their website for pre-optometry students. Most optometry schools require an OAT score for application. More information on the OAT can be found through the ASCO website. Information may also be obtained from the Pre-Health Professions Advisors.

In selecting schools to which to apply, pay particular attention to non-resident acceptance rates, total number of applicants, average GPA/OAT of admitted applicants, additional pre-optometry requirements, special programs or curricula, tuition cost, and location.

Pre-Health Professions Advising Office
Email: healthprofessions@up.edu

University
of Portland 