

PRE-OPTOMETRY CERTIFICATE REQUIREMENTS

Code	Title	Units
Certificate Requirements ^{1, 2, 3}		
BIOLOGY 311	MICROBIOLOGY	4
CHEM 251	ORGANIC CHEMISTRY - I	3
MATH 253	CALCULUS AND ANALYTIC GEOMETRY I	5
PHYSICS 141	PRINCIPLES OF PHYSICS II	5
or PHYSICS 181	PHYSICS FOR SCIENTISTS AND ENGINEERS II	
PSYCH 211	INTRODUCTORY PSYCHOLOGY	3
Select one of the following:		3
BIOLOGY 303	BIostatISTICS	
PSYCH 215	BASIC STATISTICAL METHODS	
STAT 230	INTRODUCTION TO STATISTICAL REASONING AND ANALYSIS	
The following courses may be required prerequisites for admission to optometry school. Review admission requirements for the program(s) where you intend to apply.		
BIOLOGY 361 & BIOLOGY 362	HUMAN ANATOMY AND PHYSIOLOGY I and HUMAN ANATOMY AND PHYSIOLOGY II	
CHEM 252	ORGANIC CHEMISTRY - II	
CHEM 454	BIOCHEMISTRY OF MACROMOLECULES	
or BIOLOGY 456	BIOCHEMISTRY OF METABOLISM AND SIGNALING	
or CHEM 456	BIOCHEMISTRY OF METABOLISM AND SIGNALING	
Total Units		23

¹ It is recommended that all courses be completed with a C or better. Optometry schools may have higher grade requirements and may also have a cumulative GPA requirement. There is no grade or GPA requirement to earn this certificate.

² This certificate does not encompass all possible pre-requisite courses for admission to optometry school. Students are encouraged to proactively identify required prerequisite courses for admission to the schools where they intend to apply. Additionally, most optometry programs require a standardized admission test such as the OAT or GRE.

³ Completion of this certificate does not guarantee admission to optometry school. Each optometry school makes its own admissions decisions based upon its own requirements.