

**ACADEMAP**  
**Optometry Programs**

**Freshman Year**

<b>FIRST SEMESTER</b>		
<b>Course Title</b>	<b>Catalog Number</b>	<b>Prerequisite</b>
Foundations of Biology	BIO 111	
General Chemistry I	CHE 111/113	
Major course		
General Education Social Science	PSY 101	
College Writing I	CWP 101	

<b>SECOND SEMESTER</b>		
<b>Course Title</b>	<b>Catalog Number</b>	<b>Prerequisite</b>
Introductory Biology Series	BIO 211 or 213	BIO 111 (C or better)
General Chemistry II	CHE112/114	CHE 111/113
Major course		
General Education Diversity	EXE 100	
College Writing II	CWP 102	

Notes: Follow the Chemistry sequence through Organic I (CHE 201/203) or Biochemistry: CHE 470 (taught only in fall). Check with your programs.

**Sophomore Year**

<b>THIRD SEMESTER</b>		
<b>Course Title</b>	<b>Catalog Number</b>	<b>Prerequisite(s)</b>
Introductory Biology Series	BIO 211 or 213	BIO 111 (C or better)
Fundamentals of Chemistry II + lab	CHE 112/114	CHE 111/113
Functions and Modeling	MAT 114	
Lifespan Development	PSY 355	
Major course		

<b>FOURTH SEMESTER</b>		
<b>Course Title</b>	<b>Catalog Number</b>	<b>Prerequisite(s)</b>
Microbiology	BIO 316	BIO 211, 213 and CHE 111/113
Organic Chemistry 1 + Lab	CHE 201/203	CHE 112/114
Functions & Modeling II	MAT 124	MAT 114
Major course		
GE 23		

Notes: Statistics (MAT 311) and Calculus(MAT 126) are often both required Check with your program for Organic or Biochemistry requirements

**Junior Year**

<b>FIFTH SEMESTER</b>		
<b>Course Title</b>	<b>Catalog Number</b>	<b>Prerequisite(s)</b>
Organic Chemistry II + lab	CHE 202/204	CHE 201/203
College Physics I or University Physics II	PHY 107 or PHY 111	
Anatomy & Physiology I	BIO 311	
GE 23		

<b>SIXTH SEMESTER</b>		
<b>Course Title</b>	<b>Catalog Number</b>	<b>Prerequisite(s)</b>
College Physics II or University Physics II	PHY 108 or PHY 112	PHY 107 Or PHY 111
Anatomy & Physiology II	BIO 312	BIO 311
Applied Calculus	MAT 126	MAT 124
Major course		
GE 23		

**Senior Year**

<b>SEVENTH SEMESTER</b>		
<b>Course Title</b>	<b>Catalog Number</b>	<b>Prerequisite(s)</b>
Biochemistry if not taken before	CHE 470	CHE 202/204
Major course / GE 23		
Major course / GE 23		
Major course / GE 23		
Major course / GE 23		

<b>EIGHTH SEMESTER</b>		
<b>Course Title</b>	<b>Catalog Number</b>	<b>Prerequisite(s)</b>
Major course / GE 23		
Major course / GE 23		
Major course / GE 23		
Major course / GE 23		
Major course / GE 23		

<https://optometriceducation.org/wp-content/uploads/2020/05/ASCO-Prerequisites-2020-5-1-20.pdf>