

## Pre-Optometry Track (Biology Major)

University Proficiencies					
Writing Proficiency					
Writing Proficiency earned by . . . circle one:    ACT/SAT (score:        )    AP    CLEP    IB					
If ACT English ≥ 26, SAT Writing ≥ 590, student is proficient. Place in Effective Communication option.*					
If transfer student has a 200-level (or above) <b>composition</b> course, take WPE to fulfill Effective Communication requirements.					
If transfer student has taken only 100-level ENGL composition, take WPE to qualify for 200-level Effective Communication course.					
If ACT English = 24–25, SAT Writing = 550–580, take Writing Proficiency Exam in first semester.					
If pass, place in Effective Communication option*; if no pass, place in ENGL 111 the next semester.					
If ACT English = 20-23, SAT Writing = 470-540, ENGL 111		3	Wellness Proficiency		
If ACT English = 16-19, SAT Writing = 390-460, ENGL 102		2	Complete in University Seminar. Check Advising Handbook.		0
If ACT English ≤ 15, SAT Writing ≤ 380, ENGL 100		1			
Core Curriculum Requirements					
	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
GSCI 100 University Seminar	1		ENGL 341 Technical Writing (WPR)	3	
BIBL 111 Essential Christianity	3		MATH 210 Statistics or BIOL 345 Biostatistics	3-4	
BIBL 115 Old Testament Literature	3		Historical Inquiry Option*	3	
BIBL 116 New Testament Literature	3		Reading and Imagination: ENGL 123 or HUMN 230*	3	
BIBL 360-370 Book Study* (WPR)	3		Artistic Expression Option*	3	
ICST 350 Global Connections*	3		Behavioral and Social Sciences Option*	3	
THEO 320 Pentecost	3		Christian Stewardship: FIN 138 Personal Finance	3	
Natural Science without Lab Option*	3	NA	Healthy Relationships: PSYC 112 or 138	3	
Natural Science with Lab Option*	4	NA	Humanities Option*	3	
Program Requirements					
	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
BIOL 200 General Biology	4		BIOL Elective	3	
BIOL 201 Zoology	4		CHEM 111 General Chemistry I	5	
BIOL 202 Botany	4		CHEM 112 General Chemistry II	5	
BIOL 335 Microbiology	4		CHEM 271 Organic Chemistry I	4	
BIOL 338 Genetics	4		CHEM 375 Biochemistry	4	
BIOL 341 Marine Biology, BIOL 342 Ecology, or BIOL 343 Env. Biology (choose one)	4		MATH 231 Calculus I or MATH 129	3-4	
			CPSC 101 Personal Computing (proficiency)**	3	
BIOL 437 Cell Biology	3		PHYS 211 General Physics I	5	
BIOL 496 Senior Seminar	1		PHYS 212 General Physics II	5	
<b>Minimum total credits to graduate</b>				<b>124</b>	
**CPSC 101 must be taken for 3 credits if the proficiency exam is not passed. The proficiency exam is to be taken in the first semester. BIOL 311 & 312 are highly recommended for those desiring to pursue a medical career. CHEM 272 also is highly recommended and will complete the chemistry minor.					

\*Refer to each term's advising handbook for options

WPR = Writing Proficiency Required

Revised

F15

Printed

10/23/15

## Pre-Optometry Track (Biology Major)

An optometrist is a healthcare professional concerned with eyes and related structures, as well as vision, visual systems, and vision information processing in humans. The Doctor of Optometry (OD) degree requires an undergraduate degree and four additional years of study at a school accredited by the Accreditation Council on Optometric Education.

Suggested Course Sequencing: Recommend 15 – 18 semester hours;  
however, attending summer school will reduce semester hours.

### Freshman year

Semester 1	Cr
BIOL 200 General Biology	4
CHEM 111 General Chemistry I [a]	5
MATH 231 Calculus I or MATH 129 [b]	4(3)
BIBL 111 Essential Christianity	3
GSCI 100 University Seminar	1
CPSC 101 (proficiency exam)	0
	<b>17</b>

Semester 2	Cr
BIOL 201 Zoology	4
CHEM 112 General Chemistry II	5
BIBL 115 Old Testament Literature	3
CPSC 101 Introduction to Personal Computing	3
ENGL 111 Composition	3
	<b>18</b>

### Sophomore year

Semester 1	Cr
BIOL 202 Botany	4
CHEM 271 Organic Chemistry I	4
BIBL 116 New Testament Literature	3
Historical Inquiry Option	3
Reading and Imagination Option	3
	<b>17</b>

Semester 2	Cr
BIOL 335 Microbiology	4
CHEM 272 Organic Chemistry II	4
ENGL 341 Technical Writing	3
MATH 210 Statistics or BIOL 345 Biostatistics	3(4)
PSYC 138 Psychology of Healthy Relationships	3
	<b>17</b>

### Junior year

Semester 1	Cr
BIOL 311 Human A&P I or BIOL Elective	4
BIOL 342 Ecology or BIOL 343 Env. Biology	4
CHEM 375 Biochemistry	4
PHYS 211 General Physics I	5
	<b>17</b>

Semester 2	Cr
BIOL 312 Human A&P II or BIOL Elective	4
BIOL 437 Cell Biology	3
PHYS 212 General Physics II	5
ICST 350 Global Connections	3
	<b>15</b>

### Senior year

Semester 1	Cr
BIOL 338 Genetics	4
BIOL 496 Senior Seminar	1
BIOL Elective (recommended)	4
Artistic Expression Option	3
Behavioral and Social Sciences Option	3
BIBL 360-370 Book Study	3
	<b>18</b>

Semester 2	Cr
BIOL 341 Marine Biology (if not taking BIOL 342/343)	4
BIOL Elective (recommended)	4
FIN 138 Personal Finance	3
Humanities Option	3
THEO 320 Pentecost	3
	<b>17</b>

Total minimum to graduate      124  
and must include at least 36 upper division credits

[a] Those not prepared for CHEM 111 should take CHEM 101 - Introduction to Chemistry.

[b] MATH 231 is a prerequisite for many Doctor of Optometry programs. Those not prepared for MATH 231 should take MATH 129 - College Algebra and Trigonometry.

Graduation requires an overall GPA of at least 2.0, and 30 of the 40 final credits must be taken at Evangel. The listing above only represents a suggested course sequencing as required to graduate with this major. Students are ultimately responsible for their own degree program. An academic advisor is assigned to the student for guidance in these matters, but the responsibility for meeting the requirements belongs to the student.