

# Biology

**Includes Pre-Professional Chiropractic, Occupational Therapy, Optometry, Physician Assistant, and Veterinary Tracks**

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 and MATH 125 [b]	4(3)
BIBL 111 Essential Christianity	3
GSCI 100 University Seminar	1
EXER 101 Lifetime Health Awareness	1

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Semester 2	Cr
BIOL 201 Zoology	4
CHEM 112 General Chemistry II	5
BIBL 115 Old Testament Literature	3
CPSC 101 Introduction to Personal Computers	3
ENGL 111 Composition	3

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## Sophomore year

Semester 1	Cr
CHEM 271 Organic Chemistry I	4
PHYS 211 General Physics I or PHYS 231	5
BIBL 116 New Testament Literature	3
Reading and Imagination Option	3

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Semester 2	Cr
BIOL 335 Microbiology	4
CHEM 272 Organic Chemistry II (optional)	4
PHYS 212 General Physics II or PHYS 232	5
Behavioral and Social Sciences Option	3

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## Junior year

Semester 1	Cr
Elective or BIOL 311 Human Anatomy & Physiology I	4
BIOL 202 Botany	4
CHEM 375 Biochemistry	4
PSYC 112 Introduction to Psychology	3

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Semester 2	Cr
Elective or BIOL 312 Human Anatomy & Physiology II	4
BIOL 437 Cell Biology [c]	3
ENGL 341 Technical Writing	3
MATH 210 Statistics	3

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## Senior year

Semester 1	Cr
BIOL 338 Genetics	4
BIOL 496 Senior Seminar	1
FIN 138 Personal Finance	3
Artistic Expression Option	3
BIBL 360-370 Book Study	3

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Semester 2	Cr
Historical Inquiry Option	3
BIOL 342, BIOL 343, or BIOL 454 (choose one)	4
Humanities Option	3
ICST 454 Global Cultures & Compassion	3
THEO 320 Pentecost	3

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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 graduate programs. Those not prepared for MATH 231 should take MATH 129 College Algebra and MATH 125 Trigonometry.

[c] BIOL 437 is offered as an alternate year class (Spring - Odd years)

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.

# Biology

**Includes Pre-Professional Chiropractic, Occupational Therapy, Optometry, Physician Assistant, and Veterinary Tracks**

## University Writing Proficiency and Placement Information

Writing Proficiency earned by . . . circle one: ENGL 111 ACT/SAT/CLT (Score: \_\_\_\_\_) AP CLEP IB

**ACT English  $\geq 26$  or SAT Writing/Language (W/L)  $\geq 33$ , CLT Writing/Grammar (W/G)  $\geq 32$ :** Student is proficient. Enroll in Effective Communication option. Refer to each term's "Core Options" document for available choices.

**If transfer student has ENGL 111 composition only**, enroll in a 200-level Effective Communication course.

**If transfer student has a 200-level (or above) composition course**, check for Speech course. If no Speech listed, enroll in COMM 211.

**If transfer student has a 200-level composition course AND a Speech course**, he or she is proficient.

**If student has no test scores**, enroll in ENGL 102.

**ACT English = 24-25, SAT W/L 31-32, CLT W/G 30-31:** take Writing Step-Up Exam in first semester.

ACT English 20-23, SAT W/L 28-30, CLT W/G 24-29: ENGL 111	3	<b>Wellness Proficiency</b>	Cr	<input checked="" type="checkbox"/>
ACT English 16-19, SAT W/L 23-27, CLT W/G 19-23: ENGL 102	2	EXER 101 Lifetime Health Awareness	1	<input type="checkbox"/>
ACT English $\leq 15$ , SAT W/L $\leq 22$ , CLT W/G $\leq 18$ : 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	3	
BIBL 115 Old Testament Literature	3		Historical Inquiry Option*	3	
BIBL 116 New Testament Literature	3		Artistic Expression Option*	3	
BIBL 360 - 370 Book Study (WPR)*	3		Behavioral and Social Sciences Option*	3	
THEO 320 Pentecost	3		Humanities Option*	3	
ICST 454 Global Cultures & Compassion*	3		Healthy Relationships: PSYC 112	3	
Natural Science without Lab Option	3	NA	Christian Stewardship: FIN 138 Personal Finance	3	
Natural Science with Lab Option	4	NA	Reading and Imagination: ENGL 123	3	
*Refer to each term's "Core Options" document for available choices.			WPR = Writing Proficiency Required: ENGL 111 or ACT English $\geq 26$		

## Program Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
BIOL 200 General Biology	4		BIOL Elective: BIOL 3XX or 4XX	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 342 Ecology, BIOL 343 Environmental Biology, or BIOL 454 Marine Biology (choose one)	4		[a] MATH 129 College Algebra/MATH 125 Trigonometry or MATH 231 Calculus I	3-4	
BIOL 437 Cell Biology	3		CPSC 101 Introduction to Personal Computers	3	
BIOL 496 Senior Seminar	1		PHYS 211 General Physics I or PHYS 231	5	
			PHYS 212 General Physics II or PHYS 232	5	

**Minimum total credits to graduate 124**

The electives of BIOL 311 & 312 are highly recommended for those desiring to pursue a medical-related career. This track has an embedded Physical Science minor; however, the additional of CHEM 272 Organic Chemistry II will complete the Chemistry minor.

[a] MATH 125 is required with MATH 129 if Trigonometry or PreCalculus is not taken in high school.

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