

# Biology Secondary 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 110 Chemistry for the Health Sciences	4
MATH 231 Calculus I or MATH 129	4(3)
BIBL 111 Essential Christianity	3
GSCI 100 University Seminar	1
EXER 101 Lifetime Health Awareness	1
	17

Semester 2 and Summer	Cr
BIOL 201 Zoology	4
GSCI 111 Geology or GSCI 112 Meteorology	4
BIBL 115 Old Testament Literature	3
Historical Inquiry Option	3
Humanities Option	3
CPSC 101 Introduction to Personal Computing	3
	20

## Sophomore year

Semester 1	Cr
BIOL 202 Botany	4
GSCI 230 History and Philosophy of Science	3
PHYS 211 General Physics I or GSCI 115 Phys. Sci.	5(4)
ENGL 111 Composition	3
Reading and Imagination Option	3
	18

Semester 2	Cr
BIOL 3XX or 4XX Biology Elective	4
EDUC 220 Level 1 Field Experience	1
EDUC 225 Intro to Curriculum & Instructional Planning	3
BIBL 116 New Testament Literature	3
Effective Communication Option (WPR)**	3
Artistic Expression Option	3
	17

## Junior year

Semester 1	Cr
BIOL 342 Ecology or BIOL 343 Env. Biology	4
EDUC 351 Analysis and Correction of Reading Difficulties	3
EDUC 228 Instructional Strat. & Tech in Sec. Ed.	3
EDUC 397 Level II Field Experience	1
EDUC 271 Ed of the Exceptional & English Language Learner	3
	14

Semester 2	Cr
BIOL 3XX or 4XX Elective	4
GSCI 336 Methods of Teaching Science	1
EDUC 352 Content Area Literacy	3
BIBL 360-370 Book Study	3
THEO 320 Pentecost	3
EDUC 421 Eff Eng Learner	3
	17

## Senior year

Semester 1	Cr
EDUC 434 Assess. & Data-Based Decision Making	3
EDUC 431 Effective Engagement of the Learner	3
EDUC 497 Secondary Practicum	1
Behavioral and Social Sciences Option	3
FIN 138 Personal Finance	3
ICST 350 Global Connections	3
PSYC 233 Child & Adolescent or PSYC 237 Lifespan	3
	19

Semester 2	Cr
EDUC 427 Seminar in Student Teaching	2
EDUC 437 Student Teaching	12
	14

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

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 Education Secondary Education (Grades 9-12)

### University Writing Proficiency and Placement Information

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

**ACT English ≥ 26 or SAT Writing/Language (W/L) ≥ 33, CLT Writing/Grammar (W/G) ≥ 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 ≤ 15, SAT W/L ≤ 22, CLT W/G ≤ 18: ENGL 100	1			

### Core Curriculum Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
GSCI 100 University Seminar	1	<input checked="" type="checkbox"/>	Effective Communication Option (WPR)**	3	<input type="checkbox"/>
BIBL 111 Essential Christianity	3	<input type="checkbox"/>	MATH 210 Statistics (Preferred) or 129 or 231	3	NA
BIBL 115 Old Testament Literature	3	<input type="checkbox"/>	Historical Inquiry Option*	3	<input type="checkbox"/>
BIBL 116 New Testament Literature	3	<input type="checkbox"/>	Artistic Expression Option*	3	<input type="checkbox"/>
BIBL 360 - 370 Book Study (WPR)*	3	<input type="checkbox"/>	Behavioral and Social Sciences Option*	3	<input type="checkbox"/>
THEO 320 Pentecost	3	<input type="checkbox"/>	Humanities Option*	3	<input type="checkbox"/>
ICST 350 Global Connections*	3	<input type="checkbox"/>	Healthy Relationships: PSYC 233 or 237	3	<input type="checkbox"/>
Natural Science without Lab Option*	3	NA	Christian Stewardship: FIN 138 Personal Finance	3	<input type="checkbox"/>
Natural Science with Lab Option*	4	NA	Reading and Imagination: ENGL 123*	3	<input type="checkbox"/>
*Refer to each term's "Core Options" document for available choices.				**ENGL/COMM 205 or 341; ENGL 211, 212, or 236	
WPR = Writing Proficiency Required: ENGL 111 or ACT English ≥ 26				If student has ENGL 201 in transfer, enroll in COMM 211.	

### Professional Education Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
EDUC 225 Intro C&I Planning	3	<input checked="" type="checkbox"/>	EDUC 397 Secondary Mid-level Practicum	1	<input type="checkbox"/>
EDUC 220 Level I Field Expience	1	<input type="checkbox"/>	EDUC 497 Secondary Practicum	1	<input type="checkbox"/>
EDUC 228 Inst Strat/Tech Cont Area	3	<input type="checkbox"/>	EDUC 421 Eff Eng Learner	3	<input type="checkbox"/>
EDUC 351-2 Analy Corr Read Def	3	<input type="checkbox"/>	EDUC 427 Seminar in Student Teaching	2	<input type="checkbox"/>
EDUC 271 Exceptional & English Language Learner	3	<input type="checkbox"/>	EDUC 434 Assess. & Data-Based Decision Makin	3	<input type="checkbox"/>
EDUC 352 Content Area Literacy	3	<input type="checkbox"/>	EDUC 437 Student Teaching	12	<input type="checkbox"/>

### Biology Content Area Certification

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
BIOL 200 General Biology	4	<input checked="" type="checkbox"/>	CHEM 110 Chemistry for Health Sciences	4	<input type="checkbox"/>
BIOL 201 Zoology	4	<input type="checkbox"/>	GSCI 111 Geology or GSCI 112 Meteorology with lab	4	<input type="checkbox"/>
BIOL 202 Botany	4	<input type="checkbox"/>	GSCI 230 History and Philosophy of Science	3	<input type="checkbox"/>
BIOL 341 Marine Biology, BIOL 342 Ecology, or BIOL 343 Env. Biology (choose one)	4	<input type="checkbox"/>	GSCI 336 Methods of Teaching Science	1	<input type="checkbox"/>
BIOL 3XX or 4XX Elective with a lab	8	<input type="checkbox"/>	PHYS 211 General Physics I or GSCI 115 Physical Science with lab	4-5	<input type="checkbox"/>
			CPSC 101 Personal Computing	3	<input type="checkbox"/>
			MATH 231 Calculus I or MATH 129 Precalculus Algebra	3-4	<input type="checkbox"/>
<b>Minimum total credits to graduate</b>				<b>124</b>	

EDUC 220 / EDUC 225 must be taken concurrently. \*Refer to each term's advising handbook options, WPR= Writing Proficiency Required  
 EDUC 351-2 (for secondary majors Fall Only)  
 EDUC 228 & EDUC 397 taken concurrently  
 EDUC 427 & 437 taken during student teaching semester  
 Education majors are not required to take PSYC 112 as a prerequisite for required higher level PSYC courses