

# 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  $\geq$  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>		
ACT English 16-19, SAT W/L 23-27, CLT W/G 19-23: ENGL 102	2	Complete in University Seminar or check the <i>Advising Handbook</i> for instructions.	0	
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		Effective Communication Option (WPR)**	3	
BIBL 111 Essential Christianity	3		MATH 210 Statistics (Preferred) or 129 or 231	3	
BIBL 115 Old Testament Literature	3		Historical Inquiry Option*	3	
BIBL 116 New Testament Literature	3		Artistic Expression Option*	3	
Christian Stewardship: FIN 138 Personal Finance	3		Behavioral and Social Sciences Option*	3	
Healthy Relationships: PSYC 233 or 237	3		Humanities Option*	3	
Reading and Imagination: ENGL 123*	3		BIBL 360 - 370 Book Study (WPR)*	3	
Natural Science without Lab Option*	3	NA	ICST 350 Global Connections*	3	
Natural Science with Lab Option*	4	NA	THEO 320 Pentecost	3	
*Refer to each term's "Core Options" document for available choices. WPR = Writing Proficiency Required: ENGL 111 or ACT English $\geq$ 26			**ENGL/COMM 205 or 341; ENGL 211, 212, or 236 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		EDUC 397 Secondary Mid-level Practicum	1	
EDUC 220 Level I Field Expience	1		EDUC 497 Secondary Practicum	1	
EDUC 228 Inst Strat/Tech Cont Area	3		EDUC 421 Eff Eng Learner	3	
EDUC 351 Analy Corr Read Def	3		EDUC 427 Seminar in Student Teaching	2	
EDUC 271 Exceptional Student	3		EDUC 434 Assess. & Data-Based Decision Makin	3	
EDUC 352 Content Area Literacy	3		EDUC 431 Effective Engagement of the Learner	3	
			EDUC 437 Student Teaching	12	

## Biology Content Area Certification

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
BIOL 200 General Biology	4		CHEM 110 Chemistry for Health Sciences	4	
BIOL 201 Zoology	4		GSCI 111 Geology or GSCI 112 Meteorology with lab	4	
BIOL 202 Botany	4		GSCI 230 History and Philosophy of Science	3	
BIOL 341 Marine Biology, BIOL 342 Ecology, or BIOL 343 Env. Biology (choose one)	4		GSCI 336 Methods of Teaching Science	1	
BIOL 3XX or 4XX Elective with a lab	8		PHYS 211 General Physics I or GSCI 115 Physical Science with lab	4-5	
			CPSC 101 Personal Computing	3	
			MATH 231 Calculus I or MATH 129	3-4	
<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 & EDUC397 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

## 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

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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

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### 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

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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

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### 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

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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

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### 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

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

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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 represent 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.