

Biology 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
Reading and Imagination Option	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
GSCI 113 Earth Science	4
BIBL 115 Old Testament Literature	3
Historical Inquiry Option	3
MATH 129 College Algebra	3

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Sophomore year

Semester 1	Cr
BIOL 202 Botany	4
BIBL 116 New Testament Literature	3
PHYS 110 Foundations of Physics	4
ENGL 111 Composition	3
Artistic Expression Option	3

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Semester 2	Cr
BIOL Elective: BIOL 235 or 335 (Recommended)	4
EDUC 220 Level 1 Field Experience	1
EDUC 225 Intro to Curriculum & Instructional Planning	3
GSCI 230 History and Philosophy of Science	3
Effective Communication Option (WPR)**	3
BIOL Elective: BIOL 437 Cell Biology (Recommended)	3

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Junior year

Semester 1	Cr
BIOL Elective: BIOL 338 (Recommended)	4
Humanities Option	3
EDUC 351-2 Analysis and Correction of Reading Difficulties	3
EDUC 228 Instructional Strat. & Tech. in Secondary Content	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 342 Ecology	4
EDUC 497 Secondary Practicum	1
GSCI 336 Instructional Methods in Science	1
EDUC 352 Content Area Literacy	3
BIBL 360-370 Book Study	3
THEO 320 Pentecost	3
EDUC 421 Effective Engagement of the Learner	3

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Senior year

Semester 1	Cr
EDUC 434 Assess. & Data-Based Decision Making	3
Behavioral and Social Sciences Option	3
FIN 138 Personal Finance	3
ICST 454 Global Culture and Compassion	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 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		Wellness Proficiency	Cr	
ACT English 16-19, SAT W/L 23-27, CLT W/G 19-23: ENGL 102	2		EXER 101 Lifetime Health Awareness	1	<input checked="" type="checkbox"/>
ACT English ≤ 15, SAT W/L ≤ 22, CLT W/G ≤ 18: ENGL 100	1				

Core Curriculum Requirements

	Cr			Cr	
GSCI 100 University Seminar	1	<input checked="" type="checkbox"/>	Effective Communication Option** (WPR)	3	
BIBL 111 Essential Christianity	3		MATH 210 Elementary Statistics	3	NA
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 and Compassion	3		Healthy Relationships: PSYC 233 or 237	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 or 222	3	
*Refer to each term's "Core Options" document for available choices. WPR = Writing Proficiency Required: ENGL 111 or ACT English ≥ 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			Cr	
EDUC 225 Intro C&I Planning	3	<input checked="" type="checkbox"/>	EDUC 352 Content Area Literacy (Spring only)	3	
EDUC 220 Level I Field Experience	1		EDUC 421 Effective Engagement of the Learner	3	
EDUC 351-2 Analy Corr Read Def (Fall only)	3		EDUC 434 Assess. & Data-Based Decision Making	3	
EDUC 228 Instructional Strat. & Tech. in Secondary Content	3		EDUC 437 Student Teaching	12	
EDUC 397 Secondary Mid-level Practicum	1		EDUC 427 Seminar in Student Teaching	2	
EDUC 271 Exceptional & English Language Learner	3		EDUC 497 Secondary Practicum (preferably taken with GSCI 336 and EDUC 421)	1	

Biology Content Area Certification

	Cr			Cr	
BIOL 200 General Biology	4	<input checked="" type="checkbox"/>	MATH 129 College Algebra or MATH 231 Calculus I	3-4	
BIOL 201 Zoology	4		GSCI 113 Earth Science or GSCI 111 Soils	4	
BIOL 202 Botany	4		CHEM 110 Chemistry for Health Sciences or CHEM 111 General Chemistry I	4-5	
BIOL 342 Ecology or BIOL 343 Environmental Biology	4		PHYS 110 Foundations of Physics or PHYS 211 General Physics I	4-5	
BIOL 2XX, 3XX, OR 4XX Recommended: 338 Molecular and Classical Genetics, 437 Cell Biology, 211 or 311 Anatomy & Physiology, 235 or 335 Microbiology	11		GSCI 230 History and Philosophy of Science	3	
			GSCI 336 Instructional Methods in Science	1	
Minimum total credits to graduate				124	

EDUC 220 / EDUC 225 must be taken concurrently. *Refer to each term's advising handbook options. WPR= Writing Proficiency Required
 EDUC 351-2 must be taken by secondary majors; 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

Evangel's degree
in Biology Education prepares graduates for licensure/certification within the State of Missouri. Requirements may differ from state to state. Consult professional requirement within a state of planned practice.