

Biology

University Proficiencies					
	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
ACT English 24-25, SAT Writing 550-580 Proficiency test in first semester or ENGL 111 (Skip ENGL 111 if ACT 26+, SAT 590+)	Score		ACT English <20, SAT Writing <470 ENGL 102 Basic English Skills May take Proficiency at end of ENGL 102	3	
ACT English 20-23, SAT Writing 470-540 ENGL 111 Composition	3				
Evangel University Frameworks Requirements					
	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
BIBL 111 Essential Christianity	3		MATH 210 Statistics	3	
BIBL 115 Old Testament Literature	3		Natural Science	3	NA
BIBL 116 New Testament Literature	3		Natural Science with a lab	4	NA
BIBL 360-370 Book Study (choose one)	3		PSYC 138 Psychology of Healthy Relationships	3	
FIN 138 Personal Finance	3		ICST 350 Global Connections	3	
FRWK 220 Order	3		ENGL 341 Technical Writing (Writing Proficiency Required)	3	
FRWK 230 Humanity	3				
FRWK 240 Culture	3		Social Science Elective: Strongly recommend HIST 111 Am Hist I or GOVT 170 Intro Am Gov	3	
FRWK 320 Pentecost	3				
Humanities Elective	3		University Seminar: GSCI 100	1	
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	
Minimum total credits to graduate				124	
<p>*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.</p>					

Revised S14

Printed 8/12/2014

Biology

The Biology curriculum is designed to meet the needs of students who wish to prepare for professional work in health sciences, prepare for teaching, pursue graduate work, train for semi-professional work in industry or civil service, or obtain a broad education in biology. Students planning for careers in medicine, dentistry, optometry, pharmacology, veterinary medicine, physician assistant, or physical therapy generally attend a graduate program in one of these disciplines after earning their bachelor's degree at EU.

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)	4(3)
BIBL 111 Essential Christianity	3
GSCI 100 University Seminar	1
CPSC 101 (proficiency exam)	0
	17

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
	18

Sophomore year

Semester 1	Cr
BIOL 202 Botany	4
CHEM 271 Organic Chemistry I	4
MATH 210 Statistics	3
BIBL 116 New Testament Literature	3
FRWK 220 Order	3
	17

Semester 2	Cr
BIOL 335 Microbiology	4
CHEM 272 Organic Chemistry II	4
ENGL 341 Technical Writing	3
FRWK 230 Humanity	3
PSYC 138 Psychology of Healthy Relationships	3
	17

Junior year

Semester 1	Cr
BIOL 311 Human A&P I (or BIOL Elective)	4
BIOL 342 Ecology (or BIOL 343)	4
CHEM 375 Biochemistry	4
PHYS 211 General Physics I	5
	17

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
	15

Senior year

Semester 1	Cr
BIOL 338 Genetics	4
BIOL Elective (recommended)	4
BIBL 360-370 Book Study	3
FRWK 240 Culture	3
HIST 111 or GOVT 170	3
	17

Semester 2	Cr
BIOL 496 Senior Seminar	1
BIOL 341 Marine Biology (if not taking BIOL 342/343)	4
BIOL Elective (recommended)	4
FIN 138 Personal Finance	3
FRWK 320 Pentecost	3
Humanities Elective	3
	18

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.

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.