

Minimum Hours: 120

Biology (BS)

Secondary Licensure Option (6-12)

2024-2025 Catalog

FRESHMAN – Fall Semester		Hours	FRESHMAN – Spring Semester		Hours
COL 101 Foundations for Student Success+	1		MATH 211 Elementary Statistics	3	
CT 113 Critical Survey of Worldviews	3		BIO 112 General Biology I - Cells	4	
ENG 109 College Writing I <u>OR</u> ENG 111 Freshman English*	3		CHEM 132 General Chemistry II	4	
BIO 113 General Biology II - Organisms	4		EDUC 119 Intro to Teaching	3	
CHEM 131 General Chemistry I	4		<i>(ENG 110 College Writing II)</i>		
TOTAL HOURS	15		TOTAL HOURS	14	
SOPHOMORE – Fall Semester			SOPHOMORE – Spring Semester		
BIB 222 Old Testament Literature & Interpretation	3		BIB 224 New Testament Literature & Interpretation	3	
HIS General Survey Course (100/200 level)	3		PSY 330 Life-Span Development	3	
Christian Studies Elective (BIB/CM/CT/PHIL/GRK/HEB)	3		Choose ONE of the following: CSCI 116, 325, ECFN 100/200, PSGS 221, 226, 315, SS 211 or foreign language	3	
EDUC 224 Human Learning	3		PHYS 213 Geo-Physical Science Survey	4	
BIO 340 Environmental Ecology**	4		EDUC 311 Instructional Technology	3	
TOTAL HOURS	16		TOTAL HOURS	16	
JUNIOR – Fall Semester			JUNIOR – Spring Semester		
COMM 111 Intro to Communication	3		BIO 310 Philosophy of Science	3	
PHIL 348 Principles of Bioethics (Christian Studies core)	3		EDUC 226 Classroom Management	2	
EDUC 323 Tests & Measurements	2		EDUC 324 Exceptional Children	2	
EDUC 340 Curriculum Design	2		EDUC 338 Universal Teaching Methods	3	
EHS 221 Safety Education & First Aid	2		EHS 222 School & Community Health	2	
BIO 317 History of Life**	3		BIO 210 Human Biology	4	
TOTAL HOURS	15		TOTAL HOURS	16	
SENIOR – Fall Semester			SENIOR – Spring Semester		
Choose ONE of the following: ENG 100/200, FA 211, FLM 210, MUS 100/200, or THT 100/200 (excludes ENG 245, lessons, ensembles, practicums)	3		EDUC 440 Education Capstone	2	
Free electives	2		EDUC 442 Student Teaching	12	
EDUC 420 Philosophy of Education	2				
BIO 115 Environmental Science	3		<i>No additional courses can be taken</i>		
BIO 440 Methods of Teaching Science	4		<i>concurrent with EDUC 440/442</i>		
TOTAL HOURS	14		TOTAL HOURS	14	

+ COL 101 is required of first time freshmen who have no standardized test scores or those who score less than 18 on the ACT Composite, less than 960 on the SAT or less than 61 on the CLT.

*Students are required to take either ENG 109/110 College Writing I *and* II (6 credits) OR ENG 111 Freshman English (3 credits). Placement in ENG 111 requires an ACT *English* score of at least 21 OR an SAT Evidence-Based Reading & Writing score of at least 530 OR CLT score of at least 68. Students who are placed in the ENG 109-110 sequence will need to take ENG 110 in the spring semester of the freshman year.

**Offered Alternate Years

This document is to be used for planning purposes only. Please refer to the academic catalog for complete information. Course planning should be completed in consultation with your academic adviser. Not all courses are offered every semester or every year. Minimum total hours for a bachelors degree is 120.