

**COLLEGE OF ARTS & SCIENCES**  
**2023-2024 BIOLOGY: ENVIRONMENTAL SCIENCE EMPHASIS**  
**B.S. DEGREE PLAN**

FIRST YEAR - FRESHMAN							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
BIB	121	Life of Christ <sup>1</sup>	2	HIS		History <sup>1</sup>	3
BIO	111	General Biology I <sup>1,2</sup>	4	BIO	112	General Biology II	4
CHE	121	General Chemistry I <sup>1,2</sup>	3	CHE	122	General Chemistry II <sup>3</sup>	3
CHE	121L	General Chemistry I Lab <sup>1,2</sup>	1	CHE	122L	General Chemistry II Lab <sup>3</sup>	1
ENG	101	English Composition I <sup>1</sup>	3	ENG	102	English Composition II <sup>1,3</sup>	3
BPH	100	Special Topics in Science	0.5	BIB	122	Acts of Apostles <sup>1</sup>	2
		Creative Works <sup>1</sup>	3				
			16.5				16
SECOND YEAR - SOPHOMORE							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
BIO	205	Cell Biology	3	BIO		Biology Electives	8
BIB		Bible	2	BIB		Bible	2
		Behavioral Science <sup>1</sup>	3	CHE	332	Organic Chemistry II <sup>3</sup>	4
CHE	321	Organic Chemistry I <sup>3</sup>	4	COM	140	Speech Communication <sup>1</sup>	3
		Elective	4	BPH	200	Special Topics in Science	
BPH	100	Special Topics in Science	0.5				
			16.5				17
THIRD YEAR - JUNIOR							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
BIO	321	Ecology <sup>3</sup>	4	BIO	335	Genetics	4
BIB	346	Foundations of Faith <sup>1</sup>	3	BIB		Bible	2
MAT	235	Introductory Statistics <sup>1,2</sup>	3	BIO	323	Plant Taxonomy <sup>3</sup>	4
BPH	300	Special Topics in Science	1	BIO	345	Wildlife Ecology <sup>3</sup>	4
CHE	356	Aquatic Chemistry	4				
			15				14
FOURTH YEAR - SENIOR							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
BIO		Upper Division Zoology	4	BIO	444*	Biological Concepts of Origins <sup>3</sup>	3
BIB		Bible	2	BIB	495	Values in Human Thought & Action <sup>1</sup>	3
		Electives	10	BPH	400	Senior Seminar <sup>3</sup>	1
						Electives	8
			16				15

<sup>1</sup>Liberal Arts Core Requirement

<sup>2</sup>Liberal Arts Core Requirements in *Undergraduate Catalog*

<sup>3</sup>Course has prerequisite. See corresponding *Undergraduate Catalog*

## ADDITIONAL ITEMS RELATED TO THE MAJOR

Recommended courses:

-A foreign language

Additional notes:

The upper-division botany and the upper-division zoology courses must be regular catalog courses.

\*BIO444 is offered as a January short course.

**The following guidelines are important. Failure to follow these guidelines may delay graduation.**

1. Plan schedules carefully. Plan to fulfill prerequisites for future courses.
2. Do not alter the sequence of courses without consulting with your academic adviser as not all classes are offered every semester.
3. Before the enrollment period, check to make sure holds will not prevent you from registering.
4. Register for classes early during the registration period to secure classes.

### 2023-2024 Undergraduate Liberal Arts Core Requirements

I. Biblical Values		III. Broadened Perspectives	
A. Bible		A. Behavioral Sciences	
BIB 121 & 122 & 346 OR 446	7	BIB/FAM 230 OR PSY 210 OR SOC 241 OR SOC 251	3
II. Basic Skills		B. Natural Sciences	
A. Written Communication		BIO 100 OR BIO 105 OR BIO 110 OR BIO 111 OR BIO 112 OR BIO 211 OR CHE 121 & CHE 121L OR PHS 111 OR PHS 112 OR PHS 201 OR PHS 211	
ENG 101 AND ENG 102	6	3	
B. Oral Communication		C. Arts and Humanities	
COM 140	3	HISTORY: HIS 111 OR HIS 112 OR HIS 221 OR HIS 222 OR HUM 399A OR POL	
C. Quantitative Reasoning		CRITICAL AND CREATIVE WORKS:	
MAT 100 OR MAT 101 OR MAT 120 OR MAT 122 OR MAT235	3	ART 110 OR ART 201 OR ART 234 OR ENG 215 OR ENG 225 OR ENG 235 OR ENG 299A/399A OR MUS 110 OR MUS 214 OR PHI 243 OR PHI 245 OR PHI246 OR THE 160 OR THE 265 OR THE 299A/399A	
Complete course names and descriptions for the Liberal Arts Core Requirements are located in the Undergraduate Catalog.		HUMANITIES CAPSTONE: BIB/HUM 495	
		3	

**Total** 34