

COLLEGE OF ARTS & SCIENCES
2022-2023 BIOLOGY: PROFESSIONAL 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 ¹	2	MAT		History ¹	3
BIO	111	General Biology I ^{1,2}	4	BIO	112	General Biology II	4
CHE	121	General Chemistry I ^{1,2}	3	CHE	122	General Chemistry II ³	3
CHE	121L	General Chemistry I Lab ^{1,2}	1	CHE	122L	General Chemistry II Lab ³	1
ENG	101	English Composition I ¹	3	ENG	102	English Composition II ^{1,3}	3
				BIB	122	Acts of Apostles ¹	2
		See MAT Limit ²	3				
			16				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 ¹	3	CHE	332	Organic Chemistry II ³	4
		Organic Chemistry I ³	4	COM	140	Speech Communication ¹	3
		Biology Electives	4	BPH	200	Special Topics in Science	0.5
BPH	100	Special Topics in Science	0.5				
			17				18
THIRD YEAR - JUNIOR							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
CHE	332	Biochemistry I ³	4	BIO		Upper-Division Zoology	4
BIB	346	Foundations of Faith ¹	3	BIB		Bible	2
		Creative Works ¹	3			Electives	6
BPH	300	Special Topics in Science	1	BIO	444*	Biological Concepts of Origins ³	3
BIO	333/335	Cell Bio. & Molec. Gentic ³ /Genetics ³	4				
			15				15
FOURTH YEAR - SENIOR							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
BIO	321	Ecology ³	3	BIO		Upper-Division Botany	4
BIB		Bible	2	BIB	495	Values in Human Thought & Action ^{1,3}	3
		Electives	10	BPH	400	Senior Seminar ³	1
						Electives	7
			15				15
						Total	126

¹Liberal Arts Core Requirement

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²Liberal Arts Core Requirements in *Undergraduate Catalog*

³Course has prerequisite. See corresponding *Undergraduate Catalog*

ADDITIONAL ITEMS RELATED TO THE MAJOR

Recommended courses:

-A foreign language

-MAT235 Introductory Statistics (3 hours)

-PHS201/202 General Physics I & II (8 hours)

-Health Arts students should take PSY210 General Psychology as their Behavioral Science; BIO211 & BIO212 Human Anatomy and Physiology I & II and BIO215 Microbiology as their

Additional notes:

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

The Four-Year Degree Plan is a suggested plan of study. This plan does not replace the *Undergraduate Catalog*. The *Undergraduate Catalog* provides the official listing of program requirements.