

# COLLEGE OF ARTS & SCIENCES

## 2021-2022 BIOLOGY: GENERAL EMPHASIS W/TEACHING LICENSURE 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	MAT		See MAT Limit <sup>2</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
EDU	130	Introduction to Education	3				
			<b>17</b>				<b>16</b>
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	5
BIB		Bible	2	BIB		Bible	2
COM	140	Speech Communication <sup>1</sup>	3	HIS		History <sup>1</sup>	3
		Behavioral Science <sup>1</sup>	3	PSY	306	Educational Psychology <sup>3</sup>	3
SPE	240	Special Education Foundations <sup>3</sup>	3	EDU	327	Tests and Measurement <sup>3</sup>	3
BPH	200	Special Topics in Science	0.5				
EDU	250	Professional Reflective Seminar I <sup>3</sup>	2				
			<b>17</b>				<b>16</b>
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		Upper Division Botany	4
BIB		Bible	3	BIB	346	Foundations of Faith <sup>1</sup>	3
		Creative Works <sup>1</sup>	3	BIO	444*	Biological Concepts of Origins <sup>3</sup>	3
BPH	300	Special Topics in Science	1	BIO		Upper Division Zoology	4
EDU	320	Technology in the Classroom <sup>3</sup>	3			Electives	4
RDG	321	Teaching Secondary Literacy <sup>3</sup>	3				
			<b>17</b>				<b>18</b>
FOURTH YEAR - SENIOR							
Fall Semester				Spring Semester			
Dept.	Crse#	Course Name	Hrs.	Dept.	Crse#	Course Name	Hrs.
BIB	495	Values in Human Thought & Action <sup>1,3</sup>	3	EDU	447	Student Teaching, Secondary <sup>3</sup>	12
EDU	350	Professional Reflective Seminar II <sup>3</sup>	1	EDU	450	Professional Reflective Seminar III <sup>3</sup>	1
BIO	333/335	Cell Biology & Molecular Genetics <b>OR</b>	4				
BPH	400	Senior Seminar	1				
EDU	428	Classroom Management <sup>3</sup>	2				
EDU	431D	Tchng Methods & Literacy: Secondary	3				
			<b>14</b>				<b>13</b>
						<b>Total</b>	<b>127</b>

<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
- MAT235 Introductory Statistics - 3 hours
- PHS201/202 - General Physics I & II - 8 hours

Additional notes:

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

**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.**

### 2021-22 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		
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 251	
C. Quantitative Reasoning		CRITICAL AND CREATIVE WORKS: 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	
MAT 100 OR MAT 101 OR MAT 120 OR MAT 122 OR MAT235		HUMANITIES CAPSTONE: BIB/HUM 495	
Complete course names and descriptions for the Liberal Arts Core Requirements are located in the Undergraduate Catalog.			
		Total	34