

# COLLEGE OF ARTS & SCIENCES

## 2022-23 BS Biology DEGREE PLAN General Emphasis with an M.A. in Teaching (Licensure)

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 the Apostles <sup>1</sup>	2
EDU	130	Introduction to Education	3				
			17				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	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	SPE	240	Special Education Foundations	3
PSY	306	Educational Psychology	3	EDU	320	Technology in the Classroom	3
BPH	200	Special Topics in Science	0.5	EDU	250	Professional Reflection & Planning I	2
		Electives	3				
			18				18
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
RDG	321	Teaching Secondary School Liter	3	BIO	333/335	Cell Bio & Mol. Gen. <sup>3</sup> <b>OR</b> Genetics <sup>3</sup>	4
HEA	216	Personal Health	3				
			17				18
FOURTH YEAR - SENIOR							
Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
EDU	327	Tests & Measurement	3	SPE	541	Diff. Instruction and Intervention	3
BIB	495	Values in Human Thought & Act	3	EDU	513	Education Law	3
BPH	400	Senior Seminar <sup>3</sup>	1				
		Electives	8				
EDU	500	Introduction to Grad Studies	1				
			16				6
FIFTH YEAR - M.A.T. (Summer Term Semester 1)							
Summer Semester							
Dept	Crse#	Course Name	Hrs				
EDU	501	Research Methods	3				

EDU	525	Learning Theory & Principles	3				
			6				

FIFTH YEAR - M.A.T. (Semesters 2 & 3)							
Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
EDU	512	Procedures in Classroom Manage	3	EDU	524	Enhanced Student Teaching	12
EDU	548	Adv. Lit IV: Tchg. Methods Acr.	3	EDU	550A	Professional Reflection and Planning	1
			6				13

(Superscripts if needed)

<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

MAT 235 Introductory Statistics-3 hours

PHS 201/202 General Physics I&II-8 hours

Additional Notes:

The UD Botany and the UD zoology courses must be regular catalog laboratory courses

\*BIO 444 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 registration.
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.**

## 2022-23 Undergraduate Liberal Arts Core Requirements

I. Biblical Values		B. Natural Sciences	
BIB 121 AND 122 AND 346 OR 446	7	BIO 100 OR BIO 105 OR BIO 110 OR BIO 111 OR BIO 112 OR BIO 211 OR CHE 121 w/CHE121L OR PHS 111 OR PHS 112 OR PHS 201 OR PHS 211	3 or 4
II. Basic Skills		C. Arts and Humanities	
A. Written Communication		1. History3	
ENG 101 AND ENG 102	6	HIS 111 OR HIS 112 OR HIS 221 OR HIS 222 OR POL 251	
B. Oral Communication		2. Creative Works3	
COM 140	3	ART 110 OR ART 234 OR ENG 225 OR ENG 226 OR ENG 235 OR ENG 236 OR ENG 245 OR ENG 246 OR MUS110 OR MUS 214 OR PHI 243 OR PHI 245 OR PHI 246 OR THE 160 OR THE 265 OR THE 299A/399A	
C. Quantitative Reasoning		3. Humanities Capstone3	
MAT 100 OR MAT 101 OR MAT 120 OR MAT 122 OR MAT 235	3 or 4	BIB/HUM 495	
III. Broadened Perspectives			
A. Behavioral Sciences			
BIB/FAM 230 OR PSY 210 OR SOC 241 OR SWK 251	3		
Complete course names and descriptions for the liberal arts core requirements are located in the <i>Undergraduate Catalog</i> .			