

COLLEGE OF ARTS & SCIENCES

2020-21 BS Biology DEGREE PLAN Professional Emphasis

FIRST YEAR - FRESHMAN							
Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
BIB	121	Life of Christ ¹	2	HIS		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
BPH	100	Special Topics in Science	0.5	BIB	122	Acts of the Apostles ¹	2
MAT		See MAT Limit ²	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	8
BIB		Bible	2	BIB		Bible	2
		Behavioral Science ¹	3	CHE	332	Organic Chemistry II ³	4
CHE	321	Organic Chemistry I ³	4	COM	140	Speech Communication ¹	3
BIO		Biology Electives	4				
BPH	200	Special Topics in Science	0.5				
			17				17
THIRD YEAR - JUNIOR							
Fall Semester				Spring Semester			
Dept	Crse#	Course Name	Hrs	Dept	Crse#	Course Name	Hrs
CHE	332	Biochemistry I ³	4	BIO		UD 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 Molec/Genetics	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		UD Botany	4
BIB		Bible	2	BIB	495	Values in Human Thought and Actio	3
		Electives	10	BPH	400	Senior Seminar ³	1
						Electives	7
			15				15

(Superscripts if needed)

¹Liberal Arts Core Requirement

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

MAT 235 Introductory Statistics-3 hours

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

Health Arts Students should take PSY 210 General Psychology as their Behavioral Science; BIO 211, 212, and 215

Anatomy & Physiology I & II and Microbiology as their Biology Electives; and a philosophy class or HUM 320

Diversity in America

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.

2020-21 Undergraduate Liberal Arts Core Requirements

I. Biblical Values

BIB 121 **AND** 122 **AND** 346 **OR** 446 7

II. Basic Skills

A. Written Communication

ENG 101 **AND** ENG 102 6

B. Oral Communication

COM 140 Speech Communication 3

C. Quantitative Reasoning

MAT 100 **OR** MAT 101 **OR** 3 or 4
MAT 120 **OR** MAT 122 **OR** MAT 235

III. Broadened Perspectives

A. Behavioral Sciences

BIB/FAM 230 **OR** PSY 210 **OR** 3
SOC 241 **OR** SWK 251

Complete course names and descriptions for the liberal arts core requirements are located in the *Undergraduate Catalog*.

B. Natural Sciences

BIO 100 **OR** BIO 105 **OR** BIO 110 **OR** 3 or 4
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

C. Arts and Humanities

1. History 3

HIS 111 **OR** HIS 112 **OR** HIS 221 **OR**
HIS 222 **OR** HUM399A **OR** POL 251

2. Creative Works 3

ART 110 **OR** ART 201 **OR** ART 234 **OR**
ENG 225 **OR** ENG 226 **OR** ENG 235 **OR**
ENG 236 **OR** ENG 245 **OR** ENG 246 **OR**
ENG 299A/399A **OR** MUS 110 **OR** MUS 214 **OR**
PHI 243 **OR** PHI 245 **OR** PHI 246 **OR**
THE 160 **OR** THE 265 **OR** THE 299A/399A

3. Humanities Capstone 3

BIB/HUM 495