SCHOOL OF SCIENCES & MATHEMATICS

2011-12 BIOLOGY BS DEGREE PLAN

FIRST YEAR - FRESHMAN

Fall Semester				Spring Semester			
Dept	**Crse#**	**Course Name**	**Hrs**	**Dept**	**Crse#**	**Course Name**	**Hrs**
ACA	150	University Foundations[1]	1	BIB	122	Acts of Apostles[1]	2
BIB	121	Life of Christ[1]	2	BIO	112	General Biology II	4
BIO	111	General Biology I[2]	4	CHE	122	General Chemistry II[3]	3
CHE	121	General Chemistry I[2]	3	CHE	122L	General Chemistry II Lab[3]	1
CHE	121L	General Chemistry I Lab	1	ENG	102	English Composition II[1]	3
ENG	101	English Composition I[1]	3	HIS		History[1]	3
MAT	101	College Algebra[2]	3				
			17				**16**

SECOND YEAR - SOPHOMORE

Fall Semester				Spring Semester			
Dept	**Crse#**	**Course Name**	**Hrs**	**Dept**	**Crse#**	**Course Name**	**Hrs**
BIO		Elective	4	BIO		Elective	4
CHE	321	Organic Chemistry I[3]	4	CHE	322	Organic Chemistry II[3]	4
		Behavorial Science[1]	3			Fine Arts[1]	3
ENG		Literature[1]	3	BIB		Bible	2
BIB		Bible	2	PEA	100	Lifetime Wellness[1]	1
			16				**14**

THIRD YEAR - JUNIOR

Fall Semester				Spring Semester			
Dept	**Crse#**	**Course Name**	**Hrs**	**Dept**	**Crse#**	**Course Name**	**Hrs**
BIB	346	Foundations of Faith[1]	3	BIB		Bible	2
BIO	333	Cell Biology & Mol. Genetics[3]	4	BIO		Upper Division Zoology[3]	4
CHE	331	Biochemistry I[3]	4			Elective	4
		Elective	4	BIO	444*	Biological Concepts of Origins[3]	3
PEA		PEA Activity Course[1]	1			Humanities[1]	3
			16				**16**

FOURTH YEAR - SENIOR

Fall Semester				Spring Semester			
Dept	**Crse#**	**Course Name**	**Hrs**	**Dept**	**Crse#**	**Course Name**	**Hrs**
BIO	321	Ecology[3]	4	BIO		Upper Division Botany[3]	4
		Math/Science Course for BS	3	BIO	499A	Biology Seminar	1
BIO		Elective	4	BIB		Bible	2
COM	140	Speech Communication[1]	3			Electives	7
BIB	495	Values in Human Thought[1]	3				
			17				**14**

[1]General Education Requirement

[2]General Education Course Requirements in *Undergraduate Catalog*

[3]Course has prerequisite. See corresponding *Undergraduate Catalog*

ADDITIONAL ITEMS RELATED TO THE MAJOR

Recommended Courses:
A foreign language, MAT 235 Introductory Statistics - 3 hrs, PHS 201/202 General Physics I & II - 8 hrs, Health Arts Students should take PSY 210, General Psychology, as their Behaviorial Science; BIO 211, 212, 215 , Anatomy & Physiology I & II and Microbiology as their Biology electives; and a philosophy class or HUM 320, Diversity in America for the Humanities requirement.

Additional Notes:
The UD botany and UD zoology courses must be regular catalog laboratory courses.
*BIO 444 Biological Concepts of Origins 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.

2011-12 Undergraduate General Education Course Requirements

I. Biblical Values	
A. Bible	
BIB 121 & 122 & 346 OR 446	7
B. Values	
HUM 495/BIB 495	3
II. Basic Skills	
A. Written Communication	
ENG 101 **AND** ENG 102	6
B. Oral Communication	
COM 140	3
C. Quantitative Reasoning	
MAT 100 **OR** MAT 101 **OR** MAT 121 **OR** MAT 122	3
D. University Foundations	
ACA 150	1
E. Physical Fitness	
PEA 100 **AND** Any PEA course	2
Complete course names and descriptions for the General Education Course Requirements are located in the Undergraduate Catalog.	

III. Broadened Perspectives	
A. Behavioral Sciences	
FAM/SOC 230 **OR** PSY 210 **OR** SOC 241 **OR** SOC 251	3
B. Natural Sciences	
BIOLOGY: BIO 100 **OR** BIO 110 **OR** BIO 111 **OR** BIO 112 **OR** BIO 211	3
CHEMISTRY OR PHYSICAL SCI: CHE 111 **OR** CHE 121 **OR** PHS 111 **OR** PHS 112 **OR** PHS 201 **OR** PHS 211	3
C. Arts and Humanities	
HISTORY: HIS 111 **OR** HIS 112 **OR** HIS 221 **OR** HIS 222	3
LITERATURE: ENG 225 **OR** ENG 226 **OR** ENG 235 **OR** ENG 236 **OR** ENG 245 **OR** ENG 246	3
FINE ARTS: ART 110 **OR** ART 234 **OR** MUS 110 **OR** MUS 214 **OR** THE 160 **OR** THE 265	3
HUMANITIES: HUM 299A **OR** HUM 310 **OR** HUM 320 **OR** PHI 243 **OR** PHI 245 **OR** PHI 246 **OR** POL 231 **OR** POL 337 **OR** FRE 111 **OR** FRE 120 **OR** SPA 131	3