SCHOOL OF SCIENCES & MATHEMATICS

2012-13 BIOLOGY BS - CONCENTRATION IN ENVIRONMENTAL SCIENCE

FIRST YEAR - FRESHMAN

Fall Semester				Spring Semester			
Dept	**Crse#**	**Course Name**	**Hrs**	**Dept**	**Crse#**	**Course Name**	**Hrs**
BIO	111	General Biology I[2]	4	BIO	112	General Biology II	4
CHE	121	General Chemistry I[2]	3	CHE	122	General Chemistry II[3]	3
CHE	121L	General Chemistry I Lab[2]	1	CHE	122L	General Chemistry II Lab[3]	1
ENG	101	English Composition I[1]	3	ENG	102	English Composition II[1]	3
BIB	121	Life of Christ[1]	2	COM	140	Speech Communication[1]	3
ACA	150	University Foundations[1]	1	BIB	122	Acts of Apostles[1]	2
PEA	100	Lifetime Wellness[1]	1				
			15				**16**

SECOND YEAR - SOPHOMORE

Fall Semester				Spring Semester			
Dept	**Crse#**	**Course Name**	**Hrs**	**Dept**	**Crse#**	**Course Name**	**Hrs**
BIO		Upper-div. Biology elective	3			Science course from list*	4
CHE	321	Organic Chemistry I[3]	4	CHE	322	Organic Chemistry II[3]	4
BIB		Bible	2	BIB		Bible	2
PEA		PEA Activity Course[1]	1	HIS		History[1]	3
		Behavioral Science[1]	3			Science course from list*	4
MAT	101	College Algebra[2]	3				
			16				**17**

THIRD YEAR - JUNIOR

Fall Semester				Spring Semester			
Dept	**Crse#**	**Course Name**	**Hrs**	**Dept**	**Crse#**	**Course Name**	**Hrs**
BIO	321	Ecology[3]	4	BIO	335	Genetics[3]	4
BIB	346	Foundations of Faith[1]	3	BIO	323	Plant Taxonomy[3]	4
MAT	235	Introductory Statistics[2,3]	3	BIB		Bible	2
		Science course from list*	4			Fine Arts[1]	3
CHE		Upper-div. Chemistry elective	3	ENG		Literature[1]	3
			17				**16**

FOURTH YEAR - SENIOR

Fall Semester				Spring Semester			
Dept	**Crse#**	**Course Name**	**Hrs**	**Dept**	**Crse#**	**Course Name**	**Hrs**
BIO		Upper Division Zoology[3]	4			Electives	4
BIB		Bible	3	BIO	444	Biological Concepts of Origins[3]	3
		Electives	5			Electives	3
		Humanities[1]	3	BIB	495	Values in Human Thought[1]	3
				BIO	499A	Biology Seminar	1
			15				**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

***Science course list:**
BIO 215 Microbiology (4 hrs), BIO 299B/399B Biology of Freshwater Game Fishes (3 hrs), BIO299G/399G Field Research (3 hrs), BIO 345 Wildlife Ecology (4 hrs), BIO 415 Field Biology (4 hrs), BIO 417 Animal Behavior (4 hrs), BIO 498 Research (1-3 hrs), CHE 221 Analytical Chemistry I (4 hrs), PHS 299B Environmental Pollution (3 hrs), PHS 355 Natural Resource Conservation (4 hrs)

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.

2012-13 Undergraduate General Education 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 120 **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 251 **OR** FRE 111 **OR** FRE 120 **OR** SPA 131	3