

BIOLOGY (ECOLOGY/ENVIRONMENTAL BIOLOGY) CURRICULUM WORKSHEET

Department of Natural and Applied Science

Bachelor of Science Degree

2009-2010 AY

NAME: _____
 EMAIL: _____
 PHONE: _____

GENERAL EDUCATION				
COURSE NUMBER	COURSE NAME	CR	Sem	Grade

I. CORE REQUIREMENTS				
<u>Essential Skills (15 credits)</u>				
HEN 112	English I	3		
HEN 113	English II	3		
HEN 114	Speech	3		
EDU110	Intro. Interp. & Analysis	3		
HPH110	Critical Thinking	3		
<u>Mathematics (3 credits)</u>				
MAT205	Statistics I	3		
<u>African-American Experience (3 credits)</u>				
AAS210	A-A Experience in a Global Context	3		
<u>Freshmen Experience (2 credits)</u>				
GAC 101	Freshmen Seminar I	1		
GAC 102	Freshman Seminar II	1		

Note: All Core requirements must be complete before a student is considered a Junior.

II. DISTRIBUTION REQUIREMENTS (Can Not Be Major Courses)				
<u>Humanities (6 credits)*</u>				
	Humanities course I	3		
	Humanities course II	3		

*Satisfactory courses include literature, language, theater, music, arts, & philosophy.

<u>Foreign Language (6 credits)**</u>				
	Foreign Language I	3		
	Foreign Language II	3		

**Must be in the same language.

<u>Social Sciences (6 credits)***</u>				
	Social Science Elective I	3		
	Social Science Elective II	3		

***Courses include anthropology, economics, geography, history, political science, psychology & sociology.

<u>Natural Science (8 credits)®</u>				
SPY211	Physics I◊	4		
SPY212	Physics II◊	4		

®Satisfactory courses include biology, chemistry, physics, earth or space science.

<u>Health & Wellness; Service Learning (4 credits)</u>				
REC 111	Health & Wellness	2		
REC	Physical Education	1		
REC/SL	Physical Education/Service learning	1		
TOTAL CREDITS IN GENERAL EDUCATION		53		

III. INTENSIVE COURSES			
		Sem	Grade
_____	Writing Course (W)		
_____	Writing Course (W)		
_____	Writing Course (W)		
_____	Global Course (G)		
_____	A-A Heritage course (A)		
_____	Information Literacy course (I)		

A 2.0 overall cumulative GPA is required for graduation.

ADVISOR: _____
 ENTERED: _____
 ANT. GRADUATION: _____
 DATE LAST UPDATED: _____

MAJOR COURSES				
COURSE NUMBER	COURSE NAME	CR	Sem	Grade

REQUIRED COURSES (39 credits)				
SLF110	General Biology I◊	4		
SLF125	General Biology II◊	4		
SLF312	Principles of Genetics◊	4		
SLF418	Ecology◊	4		
SCH111	General Chemistry I◊	4		
SCH112	General Chemistry II◊	4		
SCH211	Organic Chemistry I◊	4		
SCH212	Organic Chemistry II◊	4		
SLF412	Biology Seminar◊	1		
RGE242	Fundamentals of GIS Lab I◊	1		
SES545	Environmental Sci Workshop◊	1		
MAT160	Calculus I◊	4		
Total Major Electives Credits		39		

MAJOR ELECTIVES* (21 Credits)				
SLF250	Invertebrate Biology◊	4		
	Zoology (SLF240, SLF314, SLF332)◊	4		
SLF224	Vascular Plants◊	4		
S_____	Upper Level Science Elective I◊	3		
S_____	Upper Level Science Elective II◊	3		
S_____	Free Science Elective◊	3		
Total Major Electives Credits		21		
Total Major Course Requirements (up to 60 cr.)		60		

FREE ELECTIVES (7 or more credits)				
_____	Free Elective 1++	3		
_____	Free Elective 2++	3-4		
Total Elective Requirements		7		

TOTAL CREDITS FOR GRADUATION		120		
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NON-CREDIT DEVELOPMENTAL COURSES:				
		CR	Sem	Grade
ERE 001	Reading & Study Skills			
HEN 011	Elements of Writing			
MAT 001	Basic Math			
MAT 002	Elementary Algebra			

+PASSHE Policy 1990-06-A holds that elective course selection is encouraged.
 ++PASSHE Policy 1990-06-A holds that 48 credits of the total 120 must be upper level courses.
 ◊Courses listed with a diamond are used to calculate major gpa.