

BIOLOGY (GENERAL BIOLOGY) CURRICULUM WORKSHEET 2015-2016 AY

Bachelor of Science Degree

Natural and Applied Sciences Department

NAME: _____
 EMAIL: _____
 PHONE: _____

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

GENERAL EDUCATION

COURSE NUMBER	COURSE NAME	CR	Sem	Grade
I. CORE REQUIREMENTS (22 CREDITS)				
Essential Skills (9 Credits)				
HEN 112	English I ©	3		
HEN 113	English II ©	3		
HEN 114	Speech	3		
Critical Skills (3 Credits)				
EDU110	Introductory Interpretation & Analysis			
OR				
HPH110	Critical Thinking			
Mathematics (3 credits) ©±				
MAT 160	Calculus I ©±	4		
Health & Wellness (2 credits)				
REC 111	Health & Wellness	2		
African-American Experience (3 credits)				
AAS210	A-A Experience in a Global Context	3		
Freshmen Experience (2 credits)				
GAC 101	Freshmen Seminar I	1		
GAC 102	Freshman Seminar II	1		
II. DISTRIBUTION REQUIREMENTS (19 CREDITS; CANNOT BE IN MAJOR)				
Humanities (6 credits ¶)*				
	Humanities Elective I	3		
	Humanities Elective II	3		
<small>*Satisfactory courses include graphic design, literature, language, theater, music, arts, & philosophy.</small>				
Social Sciences (6 credits ¶)***				
	Social Science Elective I	3		
	Social Science Elective II	3		
<small>***Courses include anthropology, economics, geography, history, political science, psychology & sociology.</small>				
Natural Sciences (6 credits or higher)©				
SPH/SPY311	Physics I ◇++	4		
SCH111	General Chemistry I ◇	4		
<small>©Satisfactory courses include biology, chemistry, physics, earth or space science.</small>				
Health & Wellness (1 credit)				
REC	Physical Education	1		
TOTAL CREDITS IN GENERAL EDUCATION		44		

A 2.0 overall cumulative GPA is required for graduation.

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

©This course requires completion of the prerequisite with a C or higher.
 ¶Courses superimposed on this distribution requirement must be included in Required Major Credits; max 42 or 60
 ±This course may have one or more prerequisites that students must display proficiency in through successful completion of the prerequisite course(s).

MAJOR COURSES

COURSE NUMBER	COURSE NAME	CR	Sem	Grade
REQUIRED MAJOR COURSES (up to 60 credits)				
SLF110	General Biology I ◇	4		
SLF125	General Biology II ◇	4		
SLF312	Principles of Genetics ◇++	4		
SLF412	Biology Seminar ◇++	1		
SCH112	General Chemistry II ◇	4		
SCH311	Organic Chemistry I ◇++	4		
SCH312	Organic Chemistry II ◇++	4		
SCH340	Biochemistry I ◇++	3		
SPH/SPY312	Physics II ◇++	4		
Total Required Major Credits		32		
MAJOR ELECTIVES* (optional*; included in the 60 credits)				
SLF ____	Physiology (SLF320, SLF321, SLF419, SLF420)	4		
SLF ____	Zoology (SLF240, SLF250, SLF311, 330, 332)	4		
SLF ____	Development (SLF315, SLF316, SLF317, SLF422, SLF430)	4		
SLF ____	Botany (SLF216, SLF224)	4		
SLF ____	Upper Level Science Elective I ◇++	4		
Total Major Electives Credits		20		
TOTAL MAJOR CREDITS (up to 60 cr.)		52		

_____	Upper Level Free Elective 1++	3		
_____	Upper Level Free Elective 2++	3		
_____	Free Elective 1	3		
_____	Free Elective 2	3		
_____	Free Elective 3	3		
_____	Free Elective 4	3		
_____	Free Elective 5	3		
_____	Free Elective 6	3		
TOTAL FREE ELECTIVE CREDITS		24		
TOTAL CREDITS FOR GRADUATION		120		

COURSE NUMBER	COURSE NAME	CR	Sem	Grade
DEVELOPMENTAL/REMEDIAL COURSES+++:				
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.
 +++Credits earned for developmental/remedial courses do not count towards the 120 credits required for graduation.
 ◇Courses listed with a diamond are used to calculate major gpa.