

BIOLOGY (MOLECULAR BIOLOGY) CURRICULUM WORKSHEET

Department of Natural and Applied Science

Bachelor of Science Degree

2009-2010 AY

NAME:					ADVISOR:					
EMAIL:					ENTERED:					
PHONE:					ANT. GRADUATION:					
					DATE LAST UPDATED:					
GENERAL EDUCATION					MAJOR COURSES					
COURSE NUMBER	COURSE NAME	CR	Sem	Grade	COURSE NUMBER	COURSE NAME	CR	Sem	Grade	
I. CORE REQUIREMENTS					REQUIRED COURSES (41 required credits)					
<u>Essential Skills (15 credits)</u>					SLF110	General Biology I◊	4			
HEN 112	English I	3			SLF125	General Biology II◊	4			
HEN 113	English II	3			SLF312	Principles of Genetics◊	4			
HEN 114	Speech	3			SLF422	Molecular Biology◊	4			
EDU110	Intro. Interp. & Analysis	3			SCH111	General Chemistry I◊	4			
HPH110	Critical Thinking	3			SCH112	General Chemistry II◊	4			
					SCH211	Organic Chemistry I◊	4			
<u>Mathematics (4 credits)</u>					SCH212	Organic Chemistry II◊	4			
MAT160	Calculus I	4			SCH340	Biochemistry I◊	3			
					SCH341	Biochemistry II◊	3			
<u>African-American Experience (3 credits)</u>					SCH342	Biochemistry Laboratory◊	2			
AAS210	A-A Experience in a Global Context	3			SLF412	Biology Seminar◊	1			
					Total Major Electives Credits					
					MAJOR ELECTIVES* (19 credits)					
<u>Freshmen Experience (2 credits)</u>					SLF315	Vertebrate Histology◊	4			
GAC 101	Freshmen Seminar I	1			SLF317	General Cytology◊	4			
GAC 102	Freshman Seminar II	1			SLF430	Immunology◊	4			
Note: All Core requirements must be complete before a student is considered a Junior.					S_____	Upper Level Science Elective I◊	4			
					S_____	Upper Level Science Elective II◊	3			
					Total Major Electives Credits					
					MAJOR COURSE REQUIREMENTS (up to 60 cr.)					
					FREE ELECTIVES (6 more credits)					
II. DISTRIBUTION REQUIREMENTS (Can Not Be Major Courses)					_____	Free Elective 1++	3			
<u>Humanities (6 credits)*</u>					_____	Free Elective 2++	3			
Humanities course I										
Humanities course II										
*Satisfactory courses include literature, language, theater, music, arts, & philosophy.					Total Elective Requirements					
<u>Foreign Language (6 credits)**</u>					TOTAL CREDITS FOR GRADUATION					
Foreign Language I					120					
Foreign Language II										
**Must be in the same language.										
<u>Social Sciences (6 credits)***</u>										
Social Science Elective I										
Social Science Elective II										
***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		54								
III. INTENSIVE COURSES										
_____	Writing Course (W)									
_____	Writing Course (W)									
_____	Writing Course (W)									
_____	Global Course (G)									
_____	A-A Heritage course (A)									
_____	Information Literacy course (I)									
					NON-CREDIT DEVELOPMENTAL 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.					
					◊Courses listed with a diamond are used to calculate major gpa.					
A 2.0 overall cumulative GPA is required for graduation.										