

CHEMISTRY CURRICULUM WORKSHEET

Department of Natural and Applied Sciences

Bachelor of Science Degree

2009-2010 AY

NAME:				
EMAIL:				
PHONE:				

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

GENERAL EDUCATION				
COURSE NUMBER	COURSE NAME	CR	Sem	Grade

MAJOR COURSES				
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>				
MAT160	Calculus I ◊	4		
<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		

REQUIRED CHEMISTRY COURSES (33 credits)				
SCH111	General Chemistry I ◊	4		
SCH112	General Chemistry II ◊	4		
SCH201	Analytical Chemistry I ◊	4		
SCH202	Analytical Chemistry II ◊	4		
SCH211	Organic Chemistry I ◊	4		
SCH212	Organic Chemistry II ◊	4		
SCH411	Physical Chemistry I ◊	4		
SCH412	Physical Chemistry II ◊	4		
SCH420	Seminar in Chemistry ◊	1		
Total Chemistry Credits		33		

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

REQUIRED RELATED COURSES (16 credits)				
SLF125	General Biology II ◊	4		
MAT170	Calculus II ◊	4		
SPY211	Physics I ◊	4		
SPY212	Physics II ◊	4		
Total Required Related Credits		16		

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

REQUIRED ELECTIVES (11 credits)				
SCH ____	Chemistry Elective ◊	4		
SCH ____	Chemistry Elective ◊	4		
	Science Electives ◊	3		
Total Required Electives Credits		11		
Total Credit Requirements (60 credits)		60		

<small>*Satisfactory courses include literature, language, theater, music, arts, & philosophy.</small>				
<u>Foreign Language (6 credits)**</u>				
	Foreign Language I	3		
	Foreign Language II	3		

FREE ELECTIVES (8 or more credits)				
_____	Upper Level Free Elective 1++	3-4		
_____	Upper Level Free Elective 2++	3-4		
_____	Upper Level Free Elective 3++ (optional)	0-2		
Total Elective Requirements		8		

<small>**Must be in the same language.</small>				
<u>Social Sciences (6 credits)***</u>				
	Social Science Elective I	3		
	Social Science Elective II	3		

TOTAL CREDITS FOR GRADUATION		120		
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<small>***Courses include anthropology, economics, geography, history, political science, psychology & sociology.</small>				
<u>Natural Science (6 credits)®</u>				
S ____	Natural Science Elective I	3		
S ____	Natural Science Elective II	3		

<small>®Satisfactory courses include biology, chemistry, physics, earth or space science.</small>				
<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		52		

NON-CREDIT DEVELOPMENTAL COURSES:				
ERE 001	Reading & Study Skills			
HEN 011	Elements of Writing			
MAT 001	Basic Math			
MAT 002	Elementary Algebra			

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

		CR	Sem	Grade
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A 2.0 overall cumulative GPA is required for graduation.

+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.