

Name:			<b>CHEMISTRY EDUC FOCUS COURSEWORK</b>							
SID #:			Chemistry Bachelor of Science							
<b>BREADTH REQUIREMENTS</b>			<b>CHEM Core Requirement Lower-Div</b> Entire major GPA must completed with at least a 2.00 GPA			<b>CHEMISTRY EDUCATION FOCUS</b> Upper-Division Coursework				
<u>Common Breadth Courses</u>			<u>Course Offerings</u>			<u>Course Offerings</u>				
English (12 units) - Grade of "C" or better is required			Course Name	Units	Completed	Course Name	Units	Grade		
Course Name	Units	Completed	CHEM 001A/01LA or 002A/02LA	5		CHEM 110A	4			
ENGL001A	4		CHEM 001B/01LB or 002B/02LB	5		CHEM 110B	4			
ENGL001B	4		CHEM 001C/01LCB or 002C/02LC	5		CHEM 111	4			
ENGL001C	4		CHEM 005	5		CHEM 113	4			
HUMANITIES (12 units minimum)			CHEM 008A/08LA	4		CHEM 125	5			
One (1) course from: World History 10, 15, or 20			CHEM 008B/08LB	4		CHEM 150A	4			
			CHEM 008C/08LC	4		CHEM 191	1			
One (1) course in: fine arts, literature, philosophy, or religious studies			PHYS 040A	5		CHEM 140	4			
			PHYS 040B	5		EDUC 105	4			
One (1) additional humanities course			PHYS 040C	5		EDUC 102	4			
			MATH009A	4		One course chosen from the following:				
SOCIAL SCIENCES (12 units minimum)			MATH009B	4		EDUC 132	4			
One (1) course in: economics, political science			MATH009C	4		EDUC 137	4			
			MATH 010A	4		One course chosen from the following:				
One (1) course in: anthropology, psychology, sociology			EDUC 003	4		CHEM 166	4			
			Two courses chosen from the following:			CHEM 155	4			
One (1) additional social sciences course			MATH 010B	4		BCH 162	4			
			MATH 031	5		One course chosen from the following:				
ETHNIC STUDIES (4 units minimum)			MATH 046	4		BCH 100	4			
May count towards add'l humanities or add'l social sciences, but not both						BCH 110A	4			
			Any upper-division courses used for concentration must have C- or better. Refer to catalog to review prerequisite requirements.			CHEM 143	4			
BIOLOGICAL SCIENCES (4 units minimum)						One course chosen from the following:				
			Refer to your university catalog year and degree audit for specific course listings and all major requirements.			CHEM 135	4			
MATHEMATICS (4 units minimum)						CHEM 136			4	
						CHEM 150B			4	
PHYSICAL SCIENCE ( 4 units minimum)						CHEM 197*	4			
						CHEM 199*	4			
Two additional 4-unit courses from life sciences or physical science						*May be taken in increments for a total of 4 units				

