

BREADTH REQUIREMENTS: Breadth Course Offerings			CHEMISTRY BA COURSEWORK			
English (12 units) - Grade of "C" or better is required			Bachelor of Arts			
Course Name	Units	Completed	CHEM Core Requirement Lower-Div		PURE CHEMISTRY	
ENGL001A	4		Entire major GPA must completed with at least a 2.00 GPA		Upper-Division Coursework	
ENGL001B	4		<u>Course Offerings</u>		<u>Course Offerings</u>	
ENGL001C	4		Course Name	Units	Completed	Course Name
HUMANITIES (20 units minimum)			CHEM 001A/01LA	5		CHEM 110A
One (1) course from: World History 10, 15, or 20			CHEM 001B/01LB	5		CHEM 110B
One (1) course in: fine arts (art, art history, creative writing, dance, music, theater)			CHEM 001C/01LC	5		CHEM 113
Two (2) 4-unit courses from the following: Literature, Philosophy, Religious Studies			CHEM 005	5		CHEM 125
One (1) additional 4-unit from the subjects listed above			CHEM 008A/08LA	4		CHEM 150A
SOCIAL SCIENCES (16 units minimum)			CHEM 008B/08LB	4		CHEM 191
One (1) course in: economics, political science			CHEM 008C/08LC	4		One course chosen from the following:
One (1) course in: anthropology, psychology, sociology			MATH009A	4		CHEM 111
Two (2) additional 4-unit courses in from courses listed above			MATH009B	4		CHEM 140
ETHNIC STUDIES (4 units minimum)			MATH009C	4		CHEM 166
May count towards addt'l humanities or addt'l social sciences, but not both			MATH 010A	4		CHEM 155
BIOLOGICAL SCIENCES (4 units minimum)			Choose one of the following series:		Ten additional upper-division units	
MATHEMATICS (4 units minimum)			PHYS 040A	5		
PHYSICAL SCIENCE (4 units minimum)			PHYS 040B	5		
Two additional 4-unit courses from life sciences or physical science			PHYS 040C	5		
Breadth Language Requirement			or			
Level 4 in one lang or level 2 in two diff lang (2 diff lang not for BIOL or NURO)			PHYS 002A/02LA	5		
			PHYS 002B/02LB	5		
			PHYS 002C/02LB	5		
			Refer to your university catalog year and degree audit for specific course listings and all major requirements.		Any upper-division courses used for the CHEM degree must have C- or better. Refer to catalog to review prerequisite requirements.	

