


Name:			PHYSICS- BIOL-Physics					
SID #:			PHYS Bachelor of Science (Fall 2020 catalog to current)					
BREADTH REQUIREMENTS (180 units minimum to graduate, 216 max)			PHYS Core Lower-Division Please refer to prerequisite requirements for all courses			PHYS Upper Division Core		
English (12 units) - Grade of "C" or better is required			Course Name	Units	Completed	Course Name	Units	Completed
Course Name	Units	Completed	MATH 009A	4		PHYS 130A	4	
ENGL001A	4		MATH 009B	4		PHYS 130B	4	
ENGL001B	4		MATH 009C	4		PHYS 132	4	
*ENGL001C	4		CS010A OR 009A	4		PHYS 135A	4	
HUMANITIES (12 units minimum)			MATH 010A	4		PHYS 135B	4	
One (1) course from: World History 10, 15, or 20			MATH 010B	4		PHYS 156A	4	
			MATH 046	4		PHYS 156B	4	
One (1) course in: fine arts, literature, philosophy, or religious studies			PHYS 039	3		PHYS 142W/142L	4	
			CHEM 001A/01LA	5		PHYS 139L	5	
One (1) additional humanities course			CHEM 001B/01LB	5		UD PHYS Elective	4	
			CHEM 001C/01LC	5		PHYS- BIOL Physics concentration must take the following (choose two courses):		
SOCIAL SCIENCES (12 units minimum)			BIOL 005A/LA or 20	5				
One (1) course in: economics, political science			BIOL 005B	4		BCH 110A	4	
			BIOL 005C	4		BCH 110B	4	
One (1) course in: anthropology, psychology, sociology			CHEM 008A/LA	4		BCH 110C or BIOL 107A	4	
			CHEM 008B/LB	4		Other Upper Division CHEM/BIOL/BCH courses may be substituted upon approval. PHYS 142W will count towards ENGL 001C and Upper Division requirement. Grade of C or higher must be earned to earn credit for both.		
One (1) additional social sciences course			CHEM 008C/LC	4				
ETHNIC STUDIES (4 units minimum)			One of the following PHYS sequences (PHYS 41A/B/C series preferred):			OR		
May count towards addt'l humanities or addt'l social sciences, but not both			PHYS 041A	8				
			PHYS 041B	8				
BIOLOGICAL SCIENCES (4 units minimum)			PHYS 041C	8				
MATHEMATICS (4 units minimum)			PHYS 040A	5				
			PHYS 040B	5				
PHYSICAL SCIENCE (4 units minimum)			PHYS 040C	5				
			PHYS 041C	8				
Two additional 4-unit courses from life sciences or physical science			Refer to your university catalog year and degree audit for specific course listings and all major requirements.					