


Name:			<b>PHYSICS- Physics Education</b>					
SID #:			PHYS Bachelor of Science (Fall 2020 catalog to current)					
<b>BREADTH REQUIREMENTS</b> (180 units minimum to graduate, 216 max)			<b>PHYS Core Lower-Division</b> Please refer to prerequisite requirements for all courses			<b>PHYS Upper Division Core</b>		
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		<b>Physics Education concentration must take the following (choose two courses):</b>		
SOCIAL SCIENCES (12 units minimum)			EDUC 003	3		EDUC 105	4	
One (1) course in: economics, political science			EDUC 004	4		EDUC 147	4	
			<b>One of the following PHYS sequences (PHYS 41A/B/C series preferred):</b>			EDUC 162	4	
One (1) course in: anthropology, psychology, sociology			PHYS 041A	8		EDUC 132	4	
			PHYS 041B	8		EDUC 177	4	
One (1) additional social sciences course			PHYS 041C	8		EDUC 179A	4	
ETHNIC STUDIES (4 units minimum)			OR					
May count towards add'l humanities or add'l social sciences, but not both			PHYS 040A	5				
			PHYS 040B	5				
BIOLOGICAL SCIENCES (4 units minimum)			PHYS 040C	5				
			PHYS 041C	8				
MATHEMATICS (4 units minimum)			<b>Please review course offerings for course availability and course planning. Refer to the appropriate university catalog year and degree audit for all major requirements.</b>					
PHYSICAL SCIENCE ( 4 units minimum)								
Two additional 4-unit courses from life sciences or physical science								