

Name:			<b>PHYSICS- Applied Physics &amp; Engineering</b> Bachelor of Science (Fall 2020 catalog to current)					
SID #:								
<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	PHYS 130A	4	
ENGL001A	4		MATH 009A	4		PHYS 130B	4	
ENGL001B	4		MATH 009B	4		PHYS 132	4	
ENGL001C	4		MATH 009C	4		PHYS 135A	4	
HUMANITIES (12 units minimum)			CS010A OR 009A			PHYS 135B	4	
One (1) course from: World History 10, 15, or 20			MATH 010A			PHYS 156A	4	
			MATH 010B			PHYS 156B	4	
One (1) course in: fine arts, literature, philosophy, or religious studies			MATH 046			PHYS 142W or 142L or 139L		4-5
			PHYS 039			UD PHYS Elective		4
One (1) additional humanities course			CHEM 001A/01LA			<b>Applied Physics &amp; Engineering:</b> 16 units of approved engineering electives including a minimum of 8 units at the upper division level.		
SOCIAL SCIENCES (12 units minimum)			CHEM 001B/01LB					
One (1) course in: economics, political science			CHEM 001C/01LC					
One (1) course in: anthropology, psychology, sociology			<b>One of the following PHYS sequences (PHYS 41A/B/C series preferred):</b>			LD ENGR ELECTIVE      4 LD ENGR ELECTIVE      4 UD ENGR ELECTIVE      4 UD ENGR ELECTIVE      4		
			PHYS 041A					
			PHYS 041B					
			PHYS 041C					
One (1) additional social sciences course			OR			<b>Consult with Faculty Advisor to explore area of interest in the concentration.</b>		
ETHNIC STUDIES (4 units minimum)			PHYS 040A					
May count towards addt'l humanities or addt'l social sciences, but not bot			PHYS 040B					
			PHYS 040C					
BIOLOGICAL SCIENCES (4 units minimum)			PHYS 041C			<b>Refer to your university catalog year and degree audit for specific course listings and all major requirements.</b>		
MATHEMATICS (4 units minimum)			PHYS 142W will count towards ENGL 001C and Upper Division requirement. Grade of C or higher must be earned to earn credit for both.					
PHYSICAL SCIENCE ( 4 units minimum)								
Two additional 4-unit courses from life sciences or physical science								

