


Name:			PHYSICS- AstroPhysics					
SID #:			Bachelor of Science (Fall 2023 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		
						Course Name	Units	Completed
English (12 units) - Grade of "C" or better is required			Course Name	Units	Completed	PHYS 130A	4	
Course Name	Units	Completed	MATH 009A	4		PHYS 130B	4	
ENGL001A	4		MATH 009B	4		PHYS 132	4	
ENGL001B	4		MATH 009C	4		PHYS 135A	4	
ENGL001C	4		CS010A OR 009A	4		PHYS 135B	4	
HUMANITIES (12 units minimum)			MATH 010A	4		PHYS 156A	4	
One (1) course from: World History 10, 15, or 20			MATH 010B	4		PHYS 156B	4	
			MATH 046	4		PHYS 142W or 142L or 139L	4-5	
One (1) course in: fine arts, literature, philosophy, or religious studies			PHYS 039	3		UD PHYS Elective	4	
			CHEM 001A/01LA	5		PHYS- Astrophysics concentration must take the following:		
One (1) additional humanities course			CHEM 001B/01LB	5				
			CHEM 001C/01LC	5				
SOCIAL SCIENCES (12 units minimum)			One of the following PHYS sequences (PHYS 41A/B/C strongly preferred):			PHYS 136	4	
One (1) course in: economics, political science			PHYS 041A	8		PHYS 111	4	
			PHYS 041B	8		PHYS 112	4	
One (1) course in: anthropology, psychology, sociology			PHYS 041C	8		PHYS 140L	4	
One (1) additional social sciences course			OR			PHYS 166	4	
			PHYS 040A	5		Please review course offerings for course availability and appropriate course planning.		
ETHNIC STUDIES (4 units minimum)			PHYS 040B	5				
May count towards addt'l humanities or addt'l social sciences, but not both			PHYS 040C	5				
			PHYS 041C	8				
BIOLOGICAL SCIENCES (4 units minimum)			Refer to your university catalog year and degree audit for specific course listings and all major requirements.					
			PHYS 142W will count toward ENGL 001C and Upper Division. Grade of "C" or better must be earned to earn credit for both					
MATHEMATICS (4 units minimum)								
PHYSICAL SCIENCE (4 units minimum)								
Two additional 4-unit courses from life sciences or physical science								