

Course Subject and Title Shaded courses are major requirements.	Credit Hours	Completed	Minimum Grade	Additional Degree Requirement Notes
Term 1				Total Credits 15
ENGL 111G - RHETORIC/COMPOSITION	4	<input type="checkbox"/>	C-	The introductory physics courses need to be taken in the sequence PHYS 213, 214, 217, 315. Please also note the co- or pre-requisites in mathematics
MATH 191G - CALCULUS I	4	<input type="checkbox"/>	C-	
PHYS 150 - INTRO COMP PHYS	3	<input type="checkbox"/>	C-	
PHYS 213 - MECHANICS	3	<input type="checkbox"/>	C-	
PHYS 213L - EXPERIMENTAL MECHANICS	1	<input type="checkbox"/>	C-	
Term 2				Total Credits 17
Select: COMM 253G, 265G, HON 265G, AXED 201G	3	<input type="checkbox"/>		Supplemental Instruction PHYS 204 is strongly recommended.
Area IV - Social / Behavioral Sciences	3	<input type="checkbox"/>		
Area V - Humanities and Fine Arts	3	<input type="checkbox"/>		
MATH 192G - CALCULUS II	4	<input type="checkbox"/>	C-	
PHYS 214 - Electricity and Magnetism	3	<input type="checkbox"/>	C-	
PHYS 214L - Experimental Electricity and Magnetism	1	<input type="checkbox"/>	C-	
Term 3				Total Credits 17
Select: ENGL 203G, 211G, 218G, 311G or 318G	3	<input type="checkbox"/>		Any CHEM courses taken that have a pre-requisite of CHEM 115 or higher-level CHEM, will substitute for CHEM 115 and/or CHEM 116 requirements.
Area IV - Social / Behavioral Sciences	3	<input type="checkbox"/>		
CHEM 115 - PRINCIPLES OF CHEM I	4	<input type="checkbox"/>	C-	
MATH 291G - CALCULUS III	3	<input type="checkbox"/>	C-	
PHYS 217 - HEAT, LIGHT, AND SOUND	3	<input type="checkbox"/>	C-	
PHYS 217L - EXPERIMENTAL HEAT, LIGHT, AND SOUN	1	<input type="checkbox"/>	C-	
Term 4				Total Credits 16
CHEM 116 - PRINCIPLES OF CHEM II	4	<input type="checkbox"/>	C-	Second Language: May substitute with 2 years of High School Foreign Language. See Advisor and/or Catalog for more options. It is recommended that PHYS 395 be taken before or at the same time as PHYS 461 or 454.
MATH 392 - INTRO ORD DIFF EQS	3	<input type="checkbox"/>	C-	
PHYS 315 - MODERN PHYSICS	3	<input type="checkbox"/>	C-	
PHYS 315L - EXPERIMENTAL MODERN PHYSICS	3	<input type="checkbox"/>	C-	
PHYS 395 - INTERMEDIATE MATH METHODS	3	<input type="checkbox"/>	C-	
Term 5				
Second Language 111	4	<input type="checkbox"/>	C-	400-level physics courses can be taken in a different order than shown here: note that PHYS 461/462 is a 2-semester sequence and that PHYS 454/455 is a 2-semester sequence.
VWW - Viewing a Wider World	3	<input type="checkbox"/>		
PHYS 451 - INTRMED MECHANICS I	3	<input type="checkbox"/>	C-	
PHYS 461 - INTERM ELCT/MAG I	3	<input type="checkbox"/>	C-	
Select: Elective	2-3	<input type="checkbox"/>		
Term 6				Total Credits 16
Area V - Humanities and Fine Arts	3	<input type="checkbox"/>		
Second Language 112	4	<input type="checkbox"/>	C-	
VWW - Viewing a Wider World	3	<input type="checkbox"/>		
PHYS 462 - INTERMEDIATE ELCT/MAG II	3	<input type="checkbox"/>	C-	
PHYS 480 - THERMODYNAMICS	3	<input type="checkbox"/>	C-	
Term 7				
Select: Area IV or V	3	<input type="checkbox"/>		
PHYS 454 - INTERM MOD PHYSICS I	3	<input type="checkbox"/>	C-	
PHYS/GEOPHYS Elective - Upper Division	3	<input type="checkbox"/>	C-	
Elective - Upper Division	3	<input type="checkbox"/>		
Elective	3	<input type="checkbox"/>		
Additional Electives as needed	2-3	<input type="checkbox"/>		
Term 8				Total Credits 15
PHYS 455 - INTERM MOD PHYSICS II	3	<input type="checkbox"/>	C-	Must complete 128 total credits, of which 48 must be upper-division (300 or above). The General Education, VWW, Language, and Free electives can be arranged in many ways; the order shown here is only a suggestion.
PHYS ADVANCED LABORATORY - 471, 475, or 493	3	<input type="checkbox"/>	C-	
PHYS/GEOPHYS Elective - Upper Division	3	<input type="checkbox"/>	C-	
Elective - Upper Division	3	<input type="checkbox"/>		
Elective	3	<input type="checkbox"/>		

This is a suggested curriculum and may differ based on your personal progress, advisement, and calendar year. Please also use the State Plan to ensure accurate degree progress.