

Summary of Major Requirements - Physics				
<i>Physics Major</i>		Min. Hours	Max. Hours	Applies to Gen. Ed.
<i>Program Requirements</i>				
PHYS 210 (*)	General Physics I	4.0	4.0	4.0
PHYS 220 (*)	General Physics II	4.0	4.0	
PHYS 301	Electricity and Magnetism	3.0	3.0	
PHYS 310	Modern Physics	3.0	3.0	
(*) Course has prerequisites not listed in the major				
<i>Students must take at least two of:</i>				
		2.0	2.0	
PHYS 301L	Electricity and Magnetism Lab			
PHYS 310L	Modern Physics Lab			
PHYS 320L	Analytical Mechanics Lab			
PHYS 4XXL	Advanced Physics Laboratory			
<i>Program Electives</i>				
		18.0	18.0	
PHYS 231	Fundamentals of Electronics			
PHYS 320	Analytical Mechanics			
PHYS 340	Thermal Physics			
PHYS 3XX	Introduction to Astrophysics			
PHYS 410	Quantum Physics			
PHYS 4XX	Field and Wave Phenomena			
PHYS 4XX	Materials Physics			
PHYS 380/480	Special Problems			
PHYS 385/485	Seminar			
PHYS 4XX	Research			
<i>Prerequisites</i>				
MATH 121	Calculus I	4.0	4.0	4.0
MATH 122	Calculus II	4.0	4.0	
	Total Program Requirements	42.0	42.0	8.0
<i>General Elective Calculation</i>				
	Graduation Requirements	128.0	128.0	
	General Education (GE) Requirements	-53.0	-53.0	

	Major Requirements	-42.0	-42.0	
	Overlap between GE and Major	8.0	8.0	
	General Elective Hours Available (#)	41.0	41.0	
<i># - Rationale should be provided if general elective hours fall below 30.</i>				
Department of Physics, Feb 2008				