

PHYSICS BS REQUIREMENTS CHECKLIST

NAME _____

ID # _____

FRESHMAN-FALL			FRESHMAN-SPRING		
___ 29:27	Physics I	4	___ 29:28	Physics II	4
___ 22M:25	Calculus I	4	___ 22M:26	Calculus II	4

SOPHMORE-FALL			SOPHMORE-SPRING		
___ 29:29	Physics III	4	___ 29:30	Physics IV	4
___ 22M:027	Intro to Lin Alg	3	___ 29:115	Intermediate Mechanics	3
			___ 22M:028	Calculus III	3

JUNIOR-FALL			JUNIOR-SPRING		
___ 29:129	Electricity & Mag I	3	___ 29:130	Electricity & Mag II	3
___ 29:140	Intro Q.M. I	3	___ 29:141	Intro Q.M. II	3
			___ 29:128	Electronics**	3

SENIOR-FALL			SENIOR-SPRING		
___ 29:118	Statistical Physics	3	___	Physics Elective	3
___ 29:132	Intermediate Lab	3			
___	Physics Elective	3			

**2 lab courses chosen from 132 & 133 (Fall only) and 128 (Spring only) are required. Intermediate Lab (132) is a prerequisite for Advanced Lab (133).

GEs Not Satisfied By Physics Major:					
___ Rhetoric	10: ___	3-4 sh	___ Humanities		3 sh
	10: ___	4 sh			
___ Foreign Lang			___ Social Science		3 sh
	Last course in sequence				
___ Interp of Lit 8G:1		3 sh	___ Distributed Ed		3 sh*
___ Hist Perspect		3 sh	___ Distributed Ed		3 sh*

*6 hours with a minimum of 3 hours chosen from each of two of these: Cultural Diversity, Fine Arts, Foreign Civilization and Culture, Historical Perspectives, Humanities, PE, Social Science

Physics Electives**Recommended
Math Electives**

29:117	Optics	22M:100
29:119	Intro to Astrophysics I	22M:118
29:120	Intro to Astrophysics II	22M:142
29:128	Electronics (may not be repeated)	22M:144
29:133	Advanced Lab (third semester)	22M:170
29:171-172	Mathematical Methods	
29:174	Intro to Laser Principles	
29:180	Electromag Fnds of Optics	
29:182	Electro-Optics	
29:184	Optical Signal Processing	
29:186	Radio Astronomy	
29:192	Elem Particles/Nuclear Phycis	
29:193	Intro Solid State Physics	
29:194	Plasma Physics	
29:195	Plasma Physics	
29:196	Fluid Mechanics	