

BA PHYSICS

NAME _____
 STUDENT ID _____
 CONCENTRATION _____
 MINOR _____

2003-2005

7/2003

Units Required 180

DEGREE DATE	Earned Hours	Quality Hours	Quality Points	GPA
Transfer				
Cal Poly				
Transcript Totals				
	<= Units that are NOT Degree Applicable			
	<= Degree Applicable Units			

REQUIREMENTS		YES	NO
Major GPA at least 2.00	GPA		
US Cultural Pluralism Met++			
60 Units Upper Division Met	Taken/Remaining		
GWR Met			
Upper Div GEB Met	Taken/Remaining		
Free Electives Met			

MAJOR COURSES (94-96)	Units	Grade	GrdPts
PHYS 131 General Physics (B3 & B4)*	4		
PHYS 132 General Physics	4		
PHYS 133 General Physics	4		
PHYS 206 Instru in Exper Physics	3		
PHYS 211 Modern Physics I	4		
PHYS 212 Modern Physics II	4		
PHYS 256 Elec Measurements Lab	1		
PHYS 301 Thermal Physics I	3		
PHYS 302 Analytical Mechanics I	3		
PHYS 323 Optics	5		
PHYS 405 or PHYS 412	3-4		
PHYS 461 or PHYS 463	2		
Select two from the following:			
PHIL 230 Philosophical Classics (4) (C2*)	4		
PHIL 231 Philosophical Classics (4) (C2*)	4		
PHIL 321 Philosophy of Science (4) (C4*)	4		
SCM 451 Ethics in the Sciences (3)	3		
CHEM 127 General Chemistry	4		
CHEM 128 General Chemistry	4		
MATH 141 Calculus I (B1) *	4		
MATH 142 Calculus II (B1)*	4		
MATH 143 Calculus II	4		
MATH 241 Calculus IV	4		
MATH 244 Linear Analysis I	4		
MATH/STAT elective (300-400 level; MATH 344 recommended)	4		
PHYS/ASTR Electives (200-400 level)	15		

GENERAL EDUCATION (GE) **60**

72 units required; 16 units are in Major.
 →Minimum of 12 units required at the 300-400 level.

Area A Communication **12**

A1 Expository Writing	4
A2 Oral Communication	4
A3 Reasoning, Argumentation, and Writing	4

Area B Science and Mathematics **4**

B1 Mathematics/Statistics * 8 in Major	0
B2 Life Science	4
B3 Physical Science * 4 in Major	0
B4 One lab taken with either a B2 or B3 course	

Area C Arts and Humanities **20**

C1 Literature	4
C2 Philosophy	4
C3 Fine/Performing Arts	4
C4 Upper-division elective	4
Area C elective (Choose one course from C1-C4)	4

Area D/E Society and the Individual **20**

D1 The American Experience (40404)	4
D2 Political Economy	4
D3 Comparative Social Institutions	4
D4 Self Development (CSU Area E)	4
D5 Upper-division elective	4

Area F Technology Elective (upper division) **4**

Additional GE Units (if needed)

ELECTIVES[†] **24-26**

- ○ = Work in progress
- () = not allowed for degree credit
- Maximum 105 quarter units allowed in transfer from Comm College
- @ = possible credit by Department review
- # = GE Certification
- *= Satisfies GE requirement

[†] Care must be taken to ensure compliance with the “60 unit upper division” requirement.