

# BA PHYSICS

NAME \_\_\_\_\_  
 STUDENT ID \_\_\_\_\_  
 CONCENTRATION \_\_\_\_\_  
 MINOR \_\_\_\_\_

Major GPA at least 2.00 \_\_\_\_\_ [ ] YES [ ] NO  
 US Cultural Pluralism Met++ [ ] YES [ ] NO  
 †60 Units Upper Division Met Taken/Remaining [ ] YES [ ] NO  
 GWR Met [ ] YES [ ] NO  
 Upper Div GE Met Taken/Remaining [ ] YES [ ] NO  
 †Free Electives Met [ ] YES [ ] NO

2009-2011 updated 06.15.09 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		

\* = Courses satisfy GE requirement

Note: No major courses with <sup>1</sup>lab component may be taken credit/no credit.

MAJOR COURSES (91-93)	Units	Grade	GrdPts
PHYS 141 General Physics IA (B3)*	4		
<sup>1</sup> PHYS 132 General Phys II (B3/4)*	4		
<sup>1</sup> PHYS 133 General Physics III (B3/4)*	4		
PHYS 206 Instr in Exper Physics	3		
PHYS 211 Modern Physics I	4		
PHYS 212 Modern Physics II	4		
<sup>1</sup> PHYS 256 Elec Measurements Lab	1		
PHYS 301 Thermal Physics I	4		
PHYS 302 Classical Mechanics I	4		
PHYS 322 Vibrations and Waves	3		
PHYS 405 or PHYS 412	3-4		
PHYS 461 or PHYS 463	2		
Select one of the following: <sup>2</sup> PHIL 321 Phil of Science (4) (C4)* <sup>2</sup> PHIL 421 Space, Time & Matter (4) SCM 451 Ethics in the Sciences (3)	3-4		
CHEM 127 General Chemistry (B3/4)*	4		
CHEM 128 General Chemistry	4		
MATH 141 Calculus I (B1)*	4		
MATH 142 Calculus II (B1)*	4		
MATH 143 Calculus III (B1)*	4		
MATH 241 Calculus IV	4		
MATH 244 Linear Analysis I	4		
MATH/STAT elective (300-400 level) <i>MATH 344 recommended</i>	4		
PHYS/ASTR/GEOL electives..... (300-400 level; max of 6 units in ASTR and 6 units in GEOL) <sup>1</sup> Select at least one of the following: PHYS 323 (4), 340 (2), 357 (3), 417 (4), 423 (4), 452 (1).	16		

GENERAL EDUCATION (GE)	60
72 units required; 16 of which are specified in Major. Minimum of 12 units required at the 300 level.	
<b>Area A Communication</b>	<b>12</b>
A1 ENGL 133/134 .....	4
A2 COMS 101/102 .....	4
A3 Reason, Arg & Writing .....	4
<b>Area B Science and Mathematics</b>	<b>4</b>
B2 Life Science .....	4
<b>Area C Arts and Humanities</b>	<b>20</b>
C1 Literature .....	4
C2 PHIL 230/231 .....	4
C3 Fine/Performing Arts .....	4
C4 Upper-division elective .....	4
C1-C4 elective .....	4
<b>Area D/E Society and the Individual</b>	<b>20</b>
D1 Amer. Exp. (40404) .....	4
D2 Political Economy .....	4
D3 Comp Social Institutions .....	4
D4 Self Develop (CSU Area E) .....	4
D5 Upper-division elective .....	4
<b>Area F Technology (upper div) .....</b>	<b>4</b>
<b>Add'l GE Units (if needed) .....</b>	

†ELECTIVES ..... 27-29

†Care must be taken when selecting electives to ensure compliance with the "60 unit upper division" requirement.

O = Work in progress	@ = possible credit by Dept review
() = not allowed for degree credit	# = GE Certification
R = Repeat of course content	* = Course also satisfies GE requiremnt
<> = Hours not earned (failed)	++ = Meets USCP

<sup>1</sup> The following major courses cannot be taken as CR/NC grading: PHYS 131, 132, 133, 256, 323, 340, 341, 342, 357, 417, 423, 452

<sup>2</sup> Note (C2) prerequisites for these courses.