

**2011-13 Cal Poly Catalog****Physics Department****PHYSICS MINOR**

The Minor in Physics provides the student with the opportunity to build on the introductory physics core courses with a coordinated set of electives which are based on interests and career objectives selected in consultation with a physics advisor. It consists of 24 units in physics and astronomy, of which 12 units must be upper division, and no more than 4 units may be from astronomy courses.

<b>Required Courses.</b>	<i>Units</i>
PHYS 133 General Physics.....	4
(Prerequisite: PHYS 141 or PHYS 131 <i>and</i> MATH 142)	
PHYS 211 Modern Physics I.....	4
<b>Physics/Astronomy electives:</b> .....	16
Minimum 12 units must be upper division. Any upper- division course with prefix PHYS or PHYS 202 or PHYS 212. Students may also select a maximum of 4 units from ASTR 301, 302, 326, 444. Must include at least one of the following courses:	
PHYS 301 Thermal Physics (4)	
PHYS 302 Classical Mechanics I (4)	
PHYS 322 Vibrations and Waves (3)	
PHYS 323 Optics (4)	
PHYS 405 Quantum Mechanics I (4)	
PHYS 408 Electromagnetic Fields and Waves I (4)	
PHYS 412 Solid State Physics (3)	

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