## MAJOR COURSES (95-97) | Units | Grade | GrdPts
--- | --- | --- | ---
PHYS 131 or PHYS 141 (B3 & B4)* | 4 | |  
PHYS 132 General Physics | 4 | |  
PHYS 133 General Physics | 4 | |  
PHYS 206 Instr 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 Phil Classics (4) (C2)* | 4 | |  
PHIL 231 Phil Classics (4) (C2)* | 4 | |  
PHIL 321 Phil 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 III | 4 | |  
MATH 241 Calculus IV | 4 | |  
MATH 244 Linear Analysis I | 4 | |  
MATH/STAT elective (300-400 level; MATH 344 recommended) | 4 | |  
PHYS/ASTR/GEOL Elect (300-400 level) | 15 | |  

#### GENERAL EDUCATION (GE) 60

72 units required
Minimum of 12 units required at the 300-400 level.

**Area A Communication** 12
A1 ENGL 133/134 .................................................. 4
A2 SCOM 101/102 .................................................. 4
A3 Reason, Argument, & Writing ................................ 4

**Area B Science and Mathematics** 4
B2 Life Science ..................................................... 4

**Area C Arts and Humanities** 20
C1 Literature .......................................................... 4
C2 Philosophy: PHIL 230/231 ................................ 4
C3 Fine/Performing Arts ........................................... 4
C4 Upper-division elective ........................................ 4
C Area C elective (Choose one course from C1-C4) ........ 4

**Area D/E Society and the Individual** 20
D1 Amer Experience (40404) .................................... 4
D2 Political Economy ............................................. 4
D3 Comp Social Institutions ..................................... 4
D4 Self Develop (CSU Area E) ................................. 4
D5 Upper-division elective ..................................... 4

**Area F Technology (upper div)** 4

### Additional GE Units Required

#### ELECTIVES 23-25
Care must be taken to ensure compliance with the “60 unit upper division” requirement.

O = Work in progress | @ = possible credit by Department review
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I = not allowed for degree credit | # = GE Certification