

# 2011, 2012, 2013, 2014 DEGREE WORKSHEET - ENGINEERING PHYSICS

## Lower Division Requirements

Course	Semester Completed	Grade	Units
Math 1A			
Math 1B			
Math 53			
Math 54			
Chem 1A/1AL (or 4A)			
Chem 1B (or 4B)			
Physics 7A			
Physics 7B			
Physics 7C			

## One Computer Course

Select from: E 7, CS 61A, 61B or 61BL

Course	Semester Completed	Grade	Units

## Lower Division Technical Electives: Two Courses

+Select from: E 45; CE C30; EE 40 or 100; ME C85; Chem 3A; Bio 1A, 1B; Astro 7A, 7B

Courses	Semester Completed	Grade	Units
1.			
2.			

## Humanities/Social Studies Requirement: 6 courses

+Visit [coe.berkeley.edu/hss](http://coe.berkeley.edu/hss) for details

Requirement	Course Taken & When	Grade
R & C A		
R & C B		
3.		
4.		
5.		
6.		

Upper Division 1 \_\_\_\_\_  Upper Division 2 \_\_\_\_\_  
 Series \_\_\_\_\_

## University Requirements: 4 courses

Course	X		X
Entry Level Writing		American Institutions	
American History		American Cultures	

## Unit Requirement: Complete a minimum of 120 units

\*This is the number on your UC transcript minus any units for duplication of work. For example, if you took Chem 1A and also received units for AP Chem, you need to subtract the AP units from your total.

COMPLETED	NEEDS

## Upper Division Requirements

Course	Semester Completed	Grade	Units
ME 104 or Physics 105			
Physics 137A			
Physics 137B			
Physics 112 or E 115			
MSE 111 or Physics 141A			
ME 185 or ME 106			
NE 104 or EE 143 or Physics 111 (3 units min)			

## Math Series: 2 courses

+Select from: Math 104 & 185 or Math 121A & 121B

Course	Semester Completed	Grade	Units
1.			
2.			

## Electromagnetic and Optics Series: 2 courses

+Select from: 1) Physics 110A & 110B or 2) EE 117 & (EE 119 or BioE 164)

	Semester Completed	Grade	Units
1			
2.			

## Upper Division Technical Electives: Engineering

+15 units of upper division Engineering courses (includes units taken to satisfy required courses above plus any additional units needed to reach minimum 15).

Upper Division Eng.	Semester Completed	Grade	Units
1			
2.			
3.			
4.			
5.			
	<b>Total units:</b>		

## Upper Division Technical Electives: Physics

+14 units of upper division Physics courses (includes units taken to satisfy required courses above plus any additional units needed to reach minimum 14).

Upper Division Eng.	Semester Completed	Grade	Units
1.			
2.			
3.			
4.			
	<b>Total Units</b>		