

2006-2010 DEGREE WORKSHEET - ELECTRICAL ENGINEERING & COMPUTER SCIENCE (OPTION__)

Natural Science and Mathematics: 30 units minimum

A. Natural Science: 11 units minimum

+Must include Physics 7A & 7B, one course from required list (see page 8 in EECS Notes) and total a minimum of 11 units.

+ When using exams, list the units awarded for the test. For example, a score of 5 on the Phys C Mec exam--enter 2.7 in Physics 7A unit column. Math BC--enter 5.3 in unit column for Math 1B & zero in 1A.

Course	Semester Completed	Grade	Units
1. Physics 7A			
2. Physics 7B			
3.			
Natural Science Unit Total=			
(must total a minimum of 11 units)			

B. Mathematics:

+Must include Math 1A, 1B, 53, 54 and Discrete Math/Stat course

Course	Semester Completed	Grade	Units
1. Math 1A			
2. Math 1B			
3. Math 53			
4. Math 54			
5. Discrete Math, Probability or Stat. Math 55; CS 70; Stat 25, 134; or *EE 126 (does not count toward Math units)			
Math Unit total=			

Natural Science(A) + Math(B) total =		
<i>*If less than 30 units, additional coursework in Natural Science or Mathematics is required*</i>		
additional science/math units	Semester Completed	Units
1.		

Humanities/Social Studies Requirement: 6 courses

+ Refer to page 2 of this worksheet for details on this requirement

Requirement	Course Taken & When	Grade
R & C 1		
R & C 2		
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	

C. EECS Core Courses

Course	Semester Completed	Grade	Units
1. EE 20N			
2. EE 40			
3. CS 61A			
4. CS 61B			
5. CS 61C			

D. Upper Division EECS Electives: 20 units minimum

+Must include one senior design class.

Choose from:

CS C149, 150, 152, 160, 162, 164, 169, 184, 186

EE C128, 130, 140, 141, 143, 145L, 145M, C149, 192

EECS Electives	Semester Completed	Grade	Units
1. Design Class			
2.			
3.			
4.			
5.			
6.			
Unit total			

Technical Engineering Courses: 45 Units Minimum

+Courses taken to satisfy the EECS Core (C) and Upper Division Elective (D) requirement count toward this 45 unit minimum. If EECS Core (C) + Upper Division Elective (D) do not total a minimum of 45 units, additional technical Engineering courses must be taken to complete this requirement.

+Courses taken to complete the discrete math requirement may NOT be applied toward this 45 unit engineering minimum (exception is EE 126).

EECS Core Unit (C) total=			
EECS Upper Division Electives total=			
Core(C) + Up(D) total =			
<i>if less than 45 units, additional course work required</i>			
additional engineering units	Semester Completed	Grade	Units
1.			
2.			

Total Unit Requirement: 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