

ELECTRICAL ENGINEERING 2011-12

PREPARATION FOR THE MAJOR	Units 84
CHEM 1A, 1AL, 1B, 1BL or 2A, 2AC, 2B, 2BC	10
CMPSC 16	4
CMPSC 24	4
ECE 2A-B-C	15
ECE 15A	4
ENGR 3	3
MATH 3A-B-C, 5A-B-C	24
PHYS 1, 2, 3, 3L, 4, 4L, 5, 5L	20

UPPER DIVISION MAJOR	Units 68
ECE 130A-B	8
ECE 132	4
ECE 134	4
ECE 137A-B	8
ECE 139	4
ECE 152A	5
ENGR 101	3
Departmental electives selected from the following list:	32

Prior approval of the student's departmental electives must be obtained from the student's faculty adviser.

Approved Departmental Electives:

ECE 124A-B-C-D	ECE 148	ECE 178
ECE 125	ECE 149	ECE 181A-B-C
ECE 130C	ECE 152B	ECE 183
ECE 135	ECE 153A-B	ECE 192 or 196 (4 unit combined max)
ECE 140	ECE 154	OR ECE 188A-B
ECE 141A-B-C	ECE 155A-B	ECE 194AA-ZZ (excluding ECE 194R)
ECE 144	ECE 156A-B	ENGR 100, 103, 185A, 185B
ECE 145A-B-C	ECE 158	185C, 185D (1 course max)
ECE 146A-B	ECE 160	MATRL 100A, C
ECE 147A-B-C	ECE 162A-B-C	MATRL 100B or MATRL 101
		MATRL 162A-B

Departmental Electives taken:

Courses required for the major, inside or outside of the Department of Electrical and Computer Engineering, cannot be taken for the passed/not passed grading option. They must be taken for **letter** grades.

UNIVERSITY REQUIREMENTS	Units
American History and Institutions – (one 4-unit course, may be counted as G.E. if selected from approved list)	
UC Entry Level Requirement: English Composition <i>Must be fulfilled within three quarters of matriculation</i>	
Satisfied by: _____	

GENERAL EDUCATION
General Subject Areas
Area A: English Reading & Comprehension – (2 courses required)
A-1: _____ A-2: _____
Areas D & E: Social Sciences, Culture and Thought (2 courses minimum)
Areas F & G: The Arts, Literature (2 courses minimum)
2 additional courses from Areas D, E, F, G, or H

Special Subject Areas
Depth: _____
Ethnicity (1 course): _____
European Traditions (1 course): _____
Writing (4 courses required): _____ _____

NON-MAJOR ELECTIVES	Units 42
General Education and Free Electives taken:	

TOTAL UNITS REQUIRED FOR GRADUATION 194