

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 **42**

General Education and Free Electives taken:

TOTAL UNITS REQUIRED FOR GRADUATION 194