

# ELECTRICAL ENGINEERING 2011-12

	Units
<b>PREPARATION FOR THE MAJOR</b>	
	<b>84</b>
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

	Units
<b>UPPER DIVISION MAJOR</b>	
	<b>68</b>
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.

	Units
<b>UNIVERSITY REQUIREMENTS</b>	
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: _____	

<b>GENERAL EDUCATION</b>	
<b>General Subject Areas</b>	
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	
_____	_____
<b>Special Subject Areas</b>	
Depth: _____	
_____	_____
Ethnicity (1 course): _____	
European Traditions (1 course): _____	
Writing (4 courses required):	
_____	_____
_____	_____

<b>NON-MAJOR ELECTIVES</b>		<b>42</b>
General Education and Free Electives taken:		

**TOTAL UNITS REQUIRED FOR GRADUATION ..... 194**