# ELECTRICAL ENGINEERING
## Degree Checklist 2011-2012

Math 21A (4) _____
21B (4) _____
21C (4) _____
21D (4) _____
22A (3) _____
22B (3) _____

Physics 9A (5) _____
9B (5) _____
9C (5) _____
9D (4) _____

Chem 2A or 2AH (5) _____

ENG 6 (4) _____
ENG 17 (4) _____

EEC 1 (1) _____

ECS 30 (4) _____
EEC 70 or ECS 50 (4) _____

COM 1, 2, 3, or 4 or UWP 1 or ENL 3 or NAS 5 (4) _____

CMN 1 or 3 (4) _____

English Comp Exam, or UWP 101, 102 or 104 (4) _____

ENG 160 or 190; or ECS 188 (3) _____

EEC 100 (5) _____
110A (4) _____
130A (4) _____
140A (4) _____
150A (4) _____
180A (5) _____
196 (1) _____
161 (4) _____

**Upper Division Electives –** choose at least 8 courses for a minimum of 31 units from the following:

**Core Electives- select *two courses* from:** EEC 110B, 130B,140B, 150B, 157A, 160, 170, 180B (only **one** of 150B, 157A, 160 may be used)

_____ ( ) _____
_____ ( ) _____

**Select at least 2 laboratory** courses from** EEC 110B, 112, 116, 118, 119AB, 132A, 132B, 132C, 135, 136AB, 146A, 146B, 151, 152, 157A, 157B, 165, 172, 180B, 181AB, 183, 194ABC, 195AB

**Select at least 1 design project course from** EEC 119AB, 136AB, 181AB, 193AB, 194ABC, 195AB (must be taken together to count, may be repeated for credit) **

**The remaining courses may be chosen from the lists above or from the following:** EEC 133, 158, 171, 173A; ECS 40, 150, 152B, 163, 175, 177, 178

_____ ( ) _____
_____ ( ) _____
_____ ( ) _____
_____ ( ) _____
_____ ( ) _____
_____ ( ) _____
_____ ( ) _____
_____ ( ) _____

**Technical Electives (9 units)+**
See http://www.ece.ucdavis.edu/courses/changes.pdf for TE list

_____ ( ) _____
_____ ( ) _____
_____ ( ) _____

## GENERAL EDUCATION REQUIREMENTS

**TOPICAL BREADTH**

**Arts & Humanities (12-20 units)**

_____ ( ) _____
_____ ( ) _____
_____ ( ) _____
_____ ( ) _____
_____ ( ) _____

**Social Sciences (12-20 units)**

_____ ( ) _____
_____ ( ) _____
_____ ( ) _____
_____ ( ) _____
_____ ( ) _____

**Writing Experience**:

_____ _____
_____ _____
**6 units** ____

**Oral Skills or Additional Writing Experience**:
CMN1 _____ _____
**3 units** ____

**Visual Literacy:**:
ENG17/EEC100 _____ _____
**3 units** ____

Quantitative Literacy:
CHE2A/EEC161 _____ _____
**3 units** ____

Scientific Literacy
EEC140A _____ _____
**3 units** ____

**American Cultures, Governance & History**:
1.**Domestic Diversity**:

_____ _____
_____ _____
_____ _____
**3 units** ____

2.**Other**:

_____ _____
_____ _____
_____ _____
**3 units** ____

**World Cultures**:

_____ _____
_____ _____
**3 units** ____

* Maximum of one course appearing on both the core elective list and the laboratory course list may be counted in both categories
** Courses appearing on both the laboratory elective list and the design project list may be counted toward both requirements simultaneously
*** ECS154B may be substituted for EEC 170
\+ After completion of the upper division elective requirement any units in excess of 31 will count toward the technical elective requirement; See http://www.ece.ucdavis.edu/undergraduate/electives.html for TE list

*In addition to the courses listed above, you may need to complete an appropriate number of unrestricted electives in order to meet the campus requirement of having completed at least 180 units prior to graduation.*