

# ELECTRICAL ENGINEERING

## Degree Checklist 2011-2012

Math	21A (4) _____ 21B (4) _____ 21C (4) _____ 21D (4) _____ 22A (3) _____ 22B (3) _____	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) _____	<p><b>Select at least 1 design project course from</b> EEC 119AB, 136AB, 181AB, 193AB, 194ABC, 195AB (must be taken together to count, may be repeated for credit) **</p> <p><b>The remaining courses may be chosen from the lists above or from the following:</b> EEC 133, 158, 171, 173A; ECS 40, 150, 152B, 163, 175, 177, 178</p> <p>_____ ( ) _____ _____ ( ) _____ _____ ( ) _____ _____ ( ) _____ _____ ( ) _____ _____ ( ) _____ _____ ( ) _____</p>
Chem 2A or 2AH	(5) _____	<b>Upper Division Electives –</b> choose at least 8 courses for a minimum of 31 units from the following:	
ENG 6	(4) _____		
ENG 17	(4) _____		
EEC 1	(1) _____	<b>EE Core Electives select two courses from:</b> EEC 110B*, 130B, 140B, 150B, 157A*, 160*, 170*, 180B* (only one of 150B, 157A, 160 may be used)	
ECS 30	(4) _____		
EEC 70 or ECS 50	(4) _____		
Comp Lit 1, 2, 3, or 4 or UWP 1 or English 3 or NAS 5	(4) _____	<b>Select at least 2 laboratory** courses from</b> EEC 110B, 112, 116, 118, 119AB, 132A, 132B, 132C, 135, 136AB, 146A, 146B, 151, 152, 157A, 157B, 165, 172, 180B, 181AB, 183, 194ABC, 195AB	<b>Technical Electives (9 units)+</b> See <a href="http://www.ece.ucdavis.edu/undergraduate/electives.html">http://www.ece.ucdavis.edu/undergraduate/electives.html</a> for TE list
CMN 1 or 3	(4) _____		
English Comp Exam, or UWP 101, 102 or 104	(4) _____		

<b>GENERAL EDUCATION</b> (see General Catalog)	<b><u>TOPICAL BREADTH</u></b> <b>Arts &amp; Humanities</b> _____ ( ) _____ _____ ( ) _____ _____ ( ) _____  <b>Social Sciences</b> _____ ( ) _____ _____ ( ) _____ _____ ( ) _____	<b><u>SOCIAL-CULTURAL DIVERSITY</u></b> _____ ( ) _____  <b><u>WRITING EXPERIENCE</u></b> _____ ( ) _____ _____ ( ) _____ _____ ( ) _____
6 course minimum and 24 unit minimum and at least 2 of the 6 courses must be upper division		

\* Maximum of one course appearing on both the core elective list and the design elective list may be counted in both categories

\*\* Courses appearing on both the laboratory elective list and on the project elective list may be counted toward both the laboratory requirement and the project requirement simultaneously

\*\*\* ECS154B may be substituted for EEC 170

+ After completion of the upper division elective requirement (at least 8 courses, 2 core, 2 with labs, 1 project) 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.*