

ELECTRICAL ENGINEERING

Recommended Schedule - 2011-2012 – GE3

Lower Division		Upper Division	
Freshman Year Math 21A - Calculus ECS 10 or GE Elective English - UWP 1 or English 3 or Comp Lit 1, 2, 3 or 4 or NAS 5 EEC 1 – Intro to ECE	Fall	Junior Year EEC 100 - Circuits II EEC 140A- Device Physics EEC 180A - Digital Systems	Fall
			Winter
Math 21B - Calculus Chemistry 2A - General Chemistry ENG 6 or ECS30 GE Elective	Winter	EEC 110A - Electronic Circuits EEC 130A – Electromagnetics EEC 150A - Signals and Systems GE Elective	
			Spring
Math 21C - Calculus Physics 9A - Classical Physics GE Elective or ENG6	Spring	Lab Elective Core Elective Core Elective Upper Division Comp Requirement	
Sophomore Year Math 21D - Vector Analysis Physics 9B - Classical Physics EEC 70 - Assembly Language GE Elective	Fall	Senior Year EEC 161 – Prob and Statistics EEC 196 – Issues in Eng Design Upper Division Elective Lab Elective	Fall
			Winter
Math 22A - Linear Algebra Physics 9C - Classical Physics CMN 1 - Public Speaking or CMN 3 - Group Communication GE Elective	Winter	Project Course ENG 190 - Prof Responsibilities Technical Elective Upper Division Elective	Winter
			Spring
Math 22B - Differential Equations Physics 9D - Modern Physics ENG 17 – Circuits I GE Elective	Spring	Project Course Technical Elective GE Elective Unrestricted Elective	

Total Units for Degree Requirement in Electrical Engineering- 180

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.

For assistance with schedule modifications, consult the ECE Staff Advisor