

COMPUTER ENGINEERING

Recommended Schedule - 2012-2013 – GE3

Lower Division		Upper Division	
Freshman Year		Junior Year	Fall
Math 21A - Calculus	Fall	EEC 100 - Circuits II	
ECS 10 or 30		EEC 140A - Device Physics	
English - UWP 1 or English 3 or Comp Lit 1, 2, 3 or 4 or NAS 5		GE Elective	
EEC 1 – Intro to ECE			Winter
	Winter	EEC 110A - Electronic Circuits	
Math 21B - Calculus		EEC 180A - Digital Systems I	
Chemistry 2A - General Chemistry		ECS 122A * - Algorithm Design & Analysis	
ECS 30 or 40		Upper Div UWP	
GE Elective			Spring
	Spring	EEC 180B - Digital Systems II	
Math 21C - Calculus		CMN 1 or 3	
Physics 9A - Classical Physics		Technical Elective	
ECS 20 - Discrete Mathematics		EEC161 – Prob & Statistics	
GE Elective			
	Fall	Senior Year	Fall
Sophomore Year		ECS 150 - Operating Systems & Sys Prog	
Math 21D - Vector Analysis	Fall	EEC 170 - Computer Architecture	
Physics 9B - Classical Physics		EEC 173A – Computer Networks	
EEC 70 - Assembly Language		EEC 196 – Issues in Eng Design	
GE Elective			Winter
	Winter	EEC 172 – Embedded Systems	
Math 22A - Linear Algebra		ENG 190 – Prof Responsibilities	
Math 22AL – Linear Alg Comp Lab		Senior Design Project (EEC 181A)	
Physics 9C - Classical Physics		GE Elective	
ECS 40 or 60			Spring
GE Elective		Senior Design Project (EEC 181B)	
	Spring	Upper Division Elective	
Math 22B - Differential Equations		GE Elective	
ENG 17 – Circuits I		Technical Elective	
Physics 9D - Modern Physics			
GE or ECS 60			

* course offering changes annually, check with Sisweb for current year

Total Units for Degree Requirement in Computer Engineering - 180
For assistance with schedule modifications, consult the ECE Staff Advisor