

ECE core courses and Gen Ed requirements are shown in black

Breadth electives are shown in blue.

Technical electives are shown in red.

Things that can be rearranged:

Additional Math & Science Classes can be rearranged if students need certain classes sooner

CS 1410 and Phys 2220/2225 can be interchanged

Breadth and Technical Electives can be interchanged

		FALL SEMESTER			SPRING SEMESTER		
YEAR 1	ECE 1900	Freshman Seminar	1	ECE 1240	Circuits & Systems I	3	
	CS 1400	Intro to Programming	4	ECE 1245	Circuits Lab I	0.5	
	MATH 1310	Engineering Calculus	4	ECE 1050	MATLAB	0.5	
	WRTG 2010	Intermediate Writing	3	MATH 1320	Engineering Calculus II	4	
	LEAP 1501	Ethics in Engineering	3	PHYS 2210	Engineering Physics I	4	
				LEAP 1500	Seminar in Humanities for Engineers	3	
			TOTAL	15		TOTAL	15
YEAR 2	ECE 2240	Circuits & Systems II	3	ECE 2280	Circuits & Systems III	3	
	ECE 2245	Circuits II Lab	1	ECE 2285	Circuits III Lab	1	
	MATH 2250	Diff Eq & Linear Algebra	4	MATH 3140	Vector Calc	4	
	CS 1410	Object-Oriented Programming	4	PHYS 2220	Engineering Physics II	4	
	GEN ED	American Institution	3	GEN ED	Fine Arts	3	
			TOTAL	15		TOTAL	15
YEAR 3	ECE 3xxx	Breadth 1	4	ECE 3xxx	Breadth 3	4	
	ECE 3xxx	Breadth 2	4	ECE 3xxx	Breadth 4	4	
		Chemistry or Biology	4	ECE 3530	Probability & Statistics	3	
		Chem or Bio Lab	1	ECE 3900	Junior Seminar	1	
	ECE 3030	Technical Communication	3	GEN ED	Behavioral Science	3	
			TOTAL	16		TOTAL	15
YEAR 4	ECE XXXX	Technical Elective 1	3	ECE XXXX	Technical Elective 3	3	
	ECE XXXX	Technical Elective 2	3	ECE XXXX	Technical Elective 4	3	
		Internship or Research Credit	3	ECE XXXX	Technical Elective 5	3	
	ECE 4900	Senior Thesis	4	ECE 4910	Senior Thesis	4	
	GEN ED	Humanities	3	GEN ED	Fine Arts II	3	
			TOTAL	16		TOTAL	16
TOTAL: 123 Credits							
Additional Credits needed:							
Gen Ed International Relations (could choose a joint class with HF, BF, or FF classes)							