

Electrical Engineering 4 Year Graduation Plan

Fall 2017

	Fall	Spring		
Freshman	ENGR 100 Engineering Seminar 1	1 ENGR120 Programming for Engineers	3	
	ENGR 110 Modeling	3 MAT212 Calculus 2	4	
	MAT 211 Calculus 1	4 PHY206 / 125 Physics 2	4	
	PHY 205 / 123 Physics 1	4 HCS 100 Human Communications	3	
	ENG 114 Writing Intensive First-Year Seminar	3 HIS 106 History 1	3	
		15	17	32
Sophomore	ENGR 200 Engineering Seminar 2	1 MAT 375 Prob & Statistics for Engineers	4	
	CMPE 220 Computer Organization	4 ELEC200 Linear Circuit Analysis	4	
	MAT225 Discrete Math	4 PHY311 Quantum Physics	4	
	HIS105 History 2	3 Gened #1	3	
	MAT 322 Differential Equations	3		
		15	15	62
Upper Division Even	CMPE322 Microcontroller & Interfaces	4 CMPE420 Digital & Reconfigurable	4	
	MAT213 Calculus 3	4 CMPE499 Senior Capstone or General Education #2	3	
	ENGR 300 Engineering Seminar 3	1 Gened #3	3	
	PHY 321 Electricity & Magnetism	4 Gened #4	3	
	ELEC300 Electronics Devices & Circuits	4		
		17	13	92
Upper Division Odd	ENGR310 Statistical Process Control	3 CMPE499 Senior Capstone or General Education #1	2	
	ELEC210 Signals & Systems	4 ELEC360 Communications	4	
	Engineering Elective	4 Gened #7	3	
	Gened #5	3 Gened #8	3	
	Gened #6	3 Gened #9	3	
		17	15	124