

Electrical and Computer Engineering Department
Electrical Engineering Major
Curriculum Year: 2010-2011

*Your department has developed this road plan, taking into account prerequisites and schedule restrictions.
You should pay attention to these concerns when deviating from this plan.*

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment
	CHM 121/121L Major Support(GE B3)	4	ECE 114/114L Major Core	4	MAT 116 Major Support	4	Students in this major are expected to maintain a GPA of at least 2.00 in all core courses. MAT 114, PHY 131/131L, PHY 132L, EGR 481, and EGR 482 satisfy both major and general education requirements One course must be completed in each of the GE areas A2-3, B1-3, C1-3, D3, and E.
	MAT 114 GE Area B4	4	MAT 115 Major Support	4	ECE 109/109L Major Core	4	
	ENG 104 or ENG 103 GE Area A2	4	PHY 131/131L GE Area B1/B3	4	PHY 132/132L Major Support	4	
	GE Area Any approved course in area B2	3	GE Area Any approved course in area A1, A3, B2 , C1-4, D2-4, E	4	GE Area Any approved course in area A1, A3, B2, C1-4, D2-4, E	4	
	Total Units	15	Total Units	16	Total Units	16	
Total Units for Year						47	
Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	ECE 204/204L Major Core	4	ECE 256 or ECE 257 Major Core	4	MAT 215 Major Support	3	
	MAT 224 Major Support	4	ECE 205/205L Major Core	4	ECE 220 Major Core	4	
	PHY 133/133L Major Support	4	MAT 214 Major Support	3	ECE 209 Major Core	3	
	GE Area Any approved course in A1, A3, B2, C1-4, D2-4, E	4	ECE 207 Major Core	3	MTE 208 Major Support	3	
			GE Area Any approved course in A1, A3, B2, C1-4, D2-4, E	4	GE Area Any approved course in area A1, A3, B2, C1-4, D2-4, E	4	
					ECE 207L Major Core	1	
	Total Units	16	Total Units	18	Total Units	18	
Total Units for Year						52	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	ECE 302 Major Core	4	ECE 341/341L Major Core	4	ECE 320L Major Core	1	Select from ECE upper Division Electives (12 of the 21 units must be 400 level. A minimum of one lab (either 300 or 400 level) is required. If a course has an associated lab, both must be taken).
	ECE 220L Major Core	1	ECE 320 Major Core	3	ECE 315 Major Core	4	
	ECE 306 Major Core	4	ECE 307 Major Core	3	ECE 309 Major Core	4	
	ECE 310 Major Core	4	ECE 306L Major Core	1	GE Area Any approved course in area A1, A3, C1-4, D2-4, E	4	
	ECE 209L Major Core	1	ECE 310L Major Core	1	GE Area Any approved course in area A1, A3, C1-4, D2-4, E	4	
	PLS 201 GE Area D1a	4	HST 202 GE Area D1b	4			
	Take the Graduation Writing Test						
	Total Units	18	Total Units	16	Total Units	17	
Total Units for Year						51	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	ECE 330 Major Core	3	ECE Elective Major Core	4	ECE Elective Major Core	2	All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.
	ECE 405 Major Core	4	ECE 405L Major Core	1	ECE Elective Major Core	4	
	ECE 464 Major Core	1	ECE Elective Major Core	4	ECE Elective Major Core	4	
	ECE Elective Major	3	EGR 482 GE Area B4	2	ECE 467 Major Core	1	
	ECE 309L Major Core	1	GE Area Any approved course in area A1, A3, C1-4, D2-4, E	4	GE Area Any approved course in area A1, A3, C1-4, D2-4, E	4	
	EGR 481 GE Area B4	2					
	GE Area Any approved course in area A1, A3, C1-4, D2-4, E	4					

			<i>Request a graduation check</i>		<i>File an application to graduate</i>		
	Total Units	18	Total Units	15	Total Units	15	
	Total Units for Year					48	

Total Units on Plan	198	
Major Core Units	98	
Major Support Units	32	
General Education Units	68	
Unrestricted Elective Units	0	