Electrical and Computer Engineering Department
Electrical Engineering Major
Curriculum Year: 2011-2012

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.

	Fall	Units	Winter	Units	Spring	Units	Comment
Year 1	**CHM 121/121L** Major Support	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*
	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 133/133L** Major Support	4	
	GE Area Any approved course in area A1, A3, B2, C1-C4, D2-D4, E	3	**GE Area** Any approved course in area A1, A3, B2 , C1-C4, D2-D4, E	4	**GE Area** Any approved course in area A1, A3, B2, C1-C4, D2-D4, E	4	
	Total Units	**15**	**Total Units**	**16**	**Total Units**	**16**	
					Total Units for Year	**47**	

	Fall	Units	Winter	Units	Spring	Units	Comment
Year 2	**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 132/132L Major Support	4	**MAT 214** Major Support	3	**ECE 209** Major Core	3	
	Any approved course in A1, A3, B2, C1-C4, D2-D4, E	4	**ECE 207** Major Core	3	**MTE 208** Major Support	3	
			Any approved course in A1, A3, B2, C1-C4, D2-D4, E	4	**GE Area** Any approved course in area A1, A3, B2, C1-C4, D2-D4, E	4	
					ECE 207L Major Core	1	
	Total Units	**16**	**Total Units**	**18**	**Total Units**	**18**	
					Total Units for Year	**52**	

	Fall	Units	Winter	Units	Spring	Units	Comment
Year 3	**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	Any approved course in area A1, A3, C1-C4, D2-D4, E	4	
	ECE 209L Major Core	1	**ECE 310L** Major Core	1	Any approved course in area A1, A3, C1-C4, D2-D4, 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**	

	Fall	Units	Winter	Units	Spring	Units	Comment
Year 4	**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.* BS Electrical Engineering degree requirements include 21 units of upper division electives and: 1- A minimum of one lab (either 300 or 400 level) is required. 2- If a course has an associated lab, both must be taken. 3- 12 of the 21 units must be 400 level courses
	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 B5	2	**ECE 467** Major Core	1	
	ECE 309L Major Core	1	**GE Area** Any approved course in area A1, A3, C1-C4, D2-D4, E	4	**GE Area** Any approved course in area A1, A3, C1-C4, D2-D4, E	4	
	EGR 481 GE Area B5	2					
	GE Area Any approved course in area A1, A3, C1-C4, D2-D4, E	4					

			Request a graduation check		*File an application to graduate*		
	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**	