

Electrical Engineering 4 Year Quarter Roadmap with Semester Equivalencies

Freshman Year (Fall)				Freshman Year (Winter)				Freshman Year (Spring)				
Course #	Q Units	Semester Equivalent	S Units	Course #	Q Units	Semester Equivalent	S Units	Course #	Q Units	Semester Equivalent	S Units	
CHM 121/L or CHM 115	4	CHM 1210/L or CHM 1150	4	ECE 114/L	4	ECE 1310	3	ECE 109/L	4	ECE 1101/L	4	
MAT 114 (GE Area B4)	4	MAT 1140	4	MAT 115	4	MAT 1150	4	MAT 116	4	MAT 1150	4	
ENG 107 or ENG 109 or ENG 110 (GE Area A2)	4	GE Area A2	3	PHY 131/L (GE Area B1, B3)	4	PHY 1510/L	4	PHY 133/L	4	PHY 1520/L	4	
GE Area B2	3	GE Area B2 (BIO 1110)	3	GE Area E	4	GE Area E	3	GE Area A1	4	GE Area A1	3	
Total Units			15	Total Units			16	Total Units			16	
Total Units for Year												47

Sophomore Year (Fall)				Sophomore Year (Winter)				Sophomore Year (Spring)				
Course #	Q Units	Semester Equivalent	S Units	Course #	Q Units	Semester Equivalent	S Units	Course #	Q Units	Semester Equivalent	S Units	
ECE 204/L	5	ECE 2300/L	4	ECE 256 or ECE 257	4	ECE 2310 or No Equivalent	3	ECE 220	4	ECE 2200	3	
MAT 224	4	MAT 2240	3	ECE 205/L	4	ECE 3300/L	4	ECE 209	3	ECE 2101	3	
PHY 132/L	4	PHY 1510/L	4	ECE 207	3	ECE 2101	3	ECE 207L	1	ECE 2101L	1	
GE Area C1	4	GE Area C1	3	MAT 214	3	MAT 2140	4	MAT 215	3	MAT 2140	4	
				GE Area C2	4	GE Area C2	3	GE Area D2	4	GE Area D2	3	
Total Units			17	Total Units			18	Total Units			15	
Total Units for Year												50

Junior Year (Fall)				Junior Year (Winter)				Junior Year (Spring)				
Course #	Q Units	Semester Equivalent	S Units	Course #	Q Units	Semester Equivalent	S Units	Course #	Q Units	Semester Equivalent	S Units	
ECE 302	4	ECE 3250	3	ECE 341/L	4	ECE 3301/L	4	ECE 320L	1	ECE 3200L	1	
ECE 220L	1	ECE 2200L	1	ECE 320	3	ECE 3200	3	ECE 315	4	ECE 3715	3	
ECE 306	4	ECE 3101	3	ECE 307	3	ECE 3101	3	ECE 309	4	ECE 3709	3	
ECE 310	4	ECE 3810	3	ECE 306L	1	ECE 3101L	1	GE Area C3	4	GE Area C3	3	
ECE 209L	1	ECE 2101L	1	ECE 310L	1	ECE 3810L	1	GE Area A3	4	GE Area A3	3	
PLS 201 (GE Area D1a)	4	GE Area D1	3	HST 202 (GE Area D1b)	4	GE Area D1	3					
Total Units			18	Total Units			16	Total Units			17	
Total Units for Year												51

Senior Year (Fall)				Senior Year (Winter)				Senior Year (Spring)				
Course #	Q Units	Semester Equivalent	S Units	Course #	Q Units	Semester Equivalent	S Units	Course #	Q Units	Semester Equivalent	S Units	
ECE 330	3	N/A		ECE UD Elective	4	Elective	3	ECE UD Elective	3	Elective	3	
ECE 405	4	ECE 4705	3	ECE 405L	1	ECE 4705L	1	ECE UD Elective	4	Elective	3	
ECE 464	1	ECE 4064	1	ECE UD Elective	4	Elective	3	ECE UD Elective	4	Elective	3	
ECE 309L	1	ECE 3709L	1	EGR 482 (GE Area B5)	2	EGR 4810/4820	2	ECE 467	1	EGR 4830	1	
EGR 481 (GE Area B5)	2	EGR 4810/4820	2	GE Area D3	4	GE Area D3	3	GE Area D4	4	GE Area D4	3	
GE Area C4	4	GE Area C4	3									
Total Units			15	Total Units			15	Total Units			16	
Total Units for Year												46