

**Electrical and Computer Engineering Department**  
**Computer 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.*

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>CHM 121/L</b> Major Support	4	<b>ECE 114/114L</b> Major Core	4	<b>ECE 109/109L</b> Major Core	4	<i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses.                       MAT 114, PHY 131/131L, CHM 121L, EGR 481, and EGR 482 satisfy both major and general education requirements</i>
	<b>MAT 114</b> GE Area B4	4	<b>MAT 115</b> Major Support	4	<b>MAT 116</b> Major Support	4	
	<b>ENG 104 or ENG 103</b> GE Area A2	4	<b>PHY 131/131L</b> GE Area B1, B3	4	<b>PHY 133/133L</b> Major Support	4	
	<b>GE Area</b> Any approved course in area A1, A3, B2, C1-C4, D2-D4, E	3	<b>GE Area</b> Any approved course in area A1, A3, B2, C1-C4, D2-D4, E	4	<b>GE Area</b> Any approved course in area A1, A3, B2, C1-C4, D2-D4, E	4	
<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>16</b>		
<b>Total Units for Year</b>						<b>47</b>	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>ECE 204/204L</b> Major Core	4	<b>ECE 205/205L</b> Major Core	4	<b>ECE 209</b> Major Core	3	
	<b>ECE 130</b> Major Core	4	<b>ECE 207</b> Major Core	3	<b>ECE 220</b> Major Core	4	
	<b>MAT 224</b> Major Support	4	<b>ECE 256</b> Major Core	4	<b>MAT 215</b> Major Support	3	
	<b>PHY 132/132L</b> Major Support	4	<b>MAT 214</b> Major Support	3	<b>ECE 207L</b> Major Core	1	
	Any approved course in area A1, A3, B2, C1-C4, D2-D4, E	4	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	
<b>Total Units</b>	<b>20</b>	<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>15</b>		
<b>Total Units for Year</b>						<b>53</b>	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	ECE 304 Major Core	4	ECE 425/L Major Core	4	ECE 426/L Major	4	Upper division ECE elective units may vary depending on selection of ECE 431/433.
	ECE 341/341L Major Core	4	ECE 325/325L Major Core	4	ECE 315 Major Core	4	
	ECE 220L Major Core	1	ECE 309 Major Core	4	ECE 342/342L or ECE343/343L Major	5	
	ECE 306 Major Core	4	ECE 306L Major Core	1	ECE 309L Major Core	1	
	ECE 209L Major Core	1	HST 202 GE D1b	4	Any approved course in area A1, A3, B2, C1-C4, D2-D4, E	4	
	PLS 201 GE Area D1a	4					
	Take the Graduation Writing Test						
<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>18</b>		
<b>Total Units for Year</b>						<b>53</b>	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment	
	ECE 480 Major Core	4-5	Elective Major Core	4	Elective Major Core	4	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.	
	Elective Major Core	4	ECE 302 Major Core	4	ECE 467 Major Core	1		
	ECE 464 Major Core	1	Any approved course in area A1, A3, B2, C1-C4, D2- D4, E	4	Elective Major Core	3-4	At least 12 units of the Electives must be satisfied by selecting courses from the following list. The rest of the elective units can be satisfied by selecting courses from the upper division ECE courses. If a course with an associated lab is selected both must be taken ECE 342/L, ECE 343/L, ECE 404L, ECE 414/L, ECE 415/L, ECE 423/L, ECE 423/L, ECE 424/L, ECE 408/L, ECE 428, ECE 429, ECE 432/L, ECE 439, ECE 499(with adviser approval)	
	EGR 481 GE Area B5	2	EGR 482 GE Area B5	2	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			GE Area Any approved course in area A1, A3, B2, C1-C4, D2-D4, E	4		
			Request a graduation check		File an application for graduation			
	<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>16-17</b>		
<b>Total Units for Year</b>						<b>45-46</b>		

<b>Total Units on Plan</b>	<b>198</b>
Major Core Units	101
Major Support Units	29
General Education Units	68
Unrestricted Elective Units	0

