

<b>ELECTRICAL ENGINEERING MAJOR</b>			
<b>University Core Curriculum Requirements</b>			<b>32</b>
<b>Foundation Skills</b>			<b>9</b>
English 101,102	6		
Speech Communication 101	3		
Mathematics (3 of the hours required for the major apply for the core)			
<b>Disciplinary Studies</b>			<b>17</b>
Economics 240 or 241, Social Science Elective	6		
Fine Arts Elective	3		
Natural Sciences (6 of the hours required for the major apply for core )			
Biology 202 or Physiology 241	2		
Philosophy 104, 105	6		
<b>Integrative Studies</b>			<b>6</b>
Economics 302i	3		
Multicultural Elective	3		
<b>Requirements for the Major</b>			<b>96</b>
<b>Basic Sciences</b>			<b>12</b>
Physics 205a, 205b, 255a, 255b	8		
Science Elective (with lab)	4		
<b>Mathematics</b>			<b>20</b>
Mathematics 150, 250, 251, 305, ECE 225, 315	20		
<b>Restricted Elective</b>			<b>3</b>
ECE 222 or CS 202	3		
<b>Electrical and Computer Engineering</b>			<b>37</b>
ECE 101, 225, 235, 327, 345, 355, 356, 375, 385, 495a, 495b	37		
<b>Technical Electives</b>			<b>24</b>
<b>Total</b>			<b>128</b>

**Notes:**

1. Nine hours required by the major (three hours of math and six hours of basic sciences), apply toward the requirements of the core curriculum for a total of forty-one hours.
2. Two of the four hours of ECE 225 cover the area of discrete mathematics, while the other two hours cover the area of combinational circuits.
3. The technical electives must include at least twenty-one hours of Electrical and Computer Engineering courses, including at least nine hours of engineering design.