

Electrical Engineering with Specialization in Computer Engineering		
University Core Curriculum Requirements		32
Foundation Skills		9
English 101,102	6	
Speech Communication 101	3	
Mathematics (3 of the hours required for the major apply for the core)		
Disciplinary Studies		17
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	
Integrative Studies		6
Economics 302i	3	
Multicultural Elective	3	
Requirements for the Major		96
Basic Sciences		12
Physics 205a, 205b, 255a, 255b	8	
Science Elective (with lab)	4	
Mathematics		20
Mathematics 150, 250, 251, 305, ECE 225, 315	20	
Restricted Electives		6
ECE 222 or CS 202, ECE321 or CS 220	6	
Electrical and Computer Engineering		38
ECE 101, 225, 235, 327, 329, 345, 355, 356, 385, 495a, 495b	38	
Technical Electives		20
Total		128

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 be selected from the following: ECE 421,422, 423, 424, 425, 428, 429 and CC 306, 414, 416, 435, 484, 485.