

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Computer Engineering Program Courses/Design Units

Required Courses		
<u>Course</u>	<u>Units</u>	<u>Design Units</u>
Math 150A	5	0
Math 150B	5	0
Math 250	3	0
Math 280	3	0
Math & Science Elective*	8	0
Phys 220A	3	0
Phys 220AL	1	0
Phys 220B	3	0
Phys 220BL	1	0
COMP 110/L	3, 1	1
COMP 122	3	1
COMP 182/L	3, 1	1
COMP 222	3	1
COMP 282	3	1
COMP 322/L	3, 1	1
ECE 240/L	3, 1	0.5
ECE 320/L	3, 1	1
ECE 340/L	3, 1	2
ECE 350	3	0.5
ECE 420	3	1.5
ECE 422	3	1.5
ECE 425/L	3, 1	2.5
ECE 442/L	3, 1	2.5
ECE 450	3	0.5
ECE 492	2	1
ECE 493	1	1
MSE 304	3	0.5
Subtotal of Upper Division Required Units = <u>38</u>		Subtotal of Required Design Units = <u>21</u>

- 1) Students must receive a grade of "C-" or better for all courses in the major. A grade of "C" or better is required in Math 150A, Math 150B and Math 250
- 2) ECE 492 & ECE 493 must be taken in residence.

- * Select 8 units from the following list with corresponding lab, if one exists:
- **Biology** 106/106L, 107/107L
 - **Chemistry** 101/101L, 102/102L
 - **Math** 262, 326

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Comp. Engr Senior Elective Courses		
<u>Course</u>	<u>Units</u>	<u>Design Units</u>
COMP 380/L	2, 1	2
COMP 429	3	1
COMP 529	3	1
ECE 443/L	3, 1	2.5
ECE 524/L	3, 2	2
ECE 525/L	3, 3	0.25
ECE 526/L	3, 4	2
ECE 527/L	3, 5	2.5
ECE 546	3	1.5

Note: Some elective courses have prerequisites that are not part of the required program. Other courses may be selected with the approval of the ECE Department Chair.