

# Dual Degree Requirements Electrical Engineering – Computer Engineering

Effective Spring 2008

There are two approaches you can take to earn a dual degree in both Electrical Engineering and Computer Engineering.

1. Primary EE, Secondary CompE 17 additional hours (148 total)
2. Primary CompE, Secondary EE 17 additional hours (148 total)

In both cases, you only need to do one senior project provided it is interdisciplinary in nature.

## Primary EE/Secondary CompE

Note: Student must elect the Computer Engineering Concentration as outlined in the EE Flowchart.

### Do not take the following courses:

MCS1142 Intro to C  
EEE4xx3 EE Technical Elective

### Do take the following courses:

MCS1514 Computer Science 1  
MCS2514 Computer Science 2  
MCS2523 Discrete Mathematics  
MCS2534 Data Structures  
MCSxxx3 Comp Science Tech Elect  
EEE3221 Adv Digital Electronics Lab  
EEE4273 Real Time Systems

## Primary CompE/Secondary EE

### Do not take the following course:

EEE4xx3 Computer Eng. Elective

### Do take the following courses:

EEE3121 Circuits 2 Lab  
EEE3414 Electromag Flds & Waves  
EEE3422 Adv Comp Appl Lab  
EEE4423 Communication Systems  
EEExx1 EE Laboratory  
EME4603 Intro to Mech. Systems  
EME4613 Intro to Thermal Systems  
MCS3413 Adv Engineering Math