

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