Dual Degree Requirements  
Electrical Engineering – Mechanical Engineering  
Effective Fall 2006

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

1. Primary EE, Secondary ME  
   42 additional hours (173 total)
2. Primary ME, Secondary EE  
   42 additional hours (173 total)

In both cases, you only need to do one senior project provided it is interdisciplinary in nature. Automotive projects tend to be very good for this.

### Primary EE/Secondary ME

**Do not take:**
- EEE3011 Intro to ECE Projects
- EEE3422 Adv. Comp Application Lab
- EEE4811 EE Projects 1
- EEE4822 EE Projects 2
- EEE4xx3 EE Technical Elective
- EME4603 Intro to Mech. Systems
- EME4613 Intro to Thermal Systems

**Do take the following courses:**
- EGE1023 Engineering Materials
- EGE1101 ECAL - Excel
- EGE2013 Statics
- EGE3003 Thermodynamics
- EME3043 Dynamics
- EME1003 Design of Mach Elements
- EME4013 Heat Transfer
- EME2011 Eng. Materials Lab
- EME2012 ME Graphics
- EME3011 Intro to Eng. Projects
- EME3013 Mech. of Materials
- EME3023 Manufacturing Processes
- EME3024 Fluid Mechanics
- EME3033 Eng. Numerical Methods
- EME3034 Kinematics & Dyn of Mach

### Primary ME/Secondary EE

**Note:** EEE3314 & EEE3233 are co-requisites for EME3011.

**Do not take:**
- EEE2123 Circuits & Electronics
- EEE3153 Electrical Mach & Controls
- EEE3161 Intro to Elect Eng. Lab
- EME4xx3 ME Technical Elective

**Do take the following courses:**
- EEE2111 Circuits 1 Lab
- EEE2114 Circuits 1
- EEE2214 Digital Electronics & Lab
- EEE3121 Circuits 2 Lab
- EEE3123 Circuits 2
- EEE3231 Microprocessors Lab
- EEE3233 Microprocessors
- EEE3314 Electronics
- EEE3311 Electronics Lab
- EEE4xx1 EE Laboratory
- MCS1142 Intro to C

**If no Entrepreneurial Cert., take:**
- EGE2231 Project Management
- EGE3361 Business Plans
- EGFxx1 Entrepreneurial Tech Elect.

**If Entrepreneurial Certificate, take:**
- EEE4xx3 EE Tech Elective