Dual Degree Requirements  
Electrical Engineering – Mechanical Engineering  

Fall 2013  

There are two approaches a student can take to earn a dual degree in both Electrical Engineering (EE) and Mechanical Engineering (ME)  

1. Primary EE, Secondary ME  
2. Primary ME, Secondary EE  

43 Additional Hours (175 Total)  

In either case, students only need to do one senior project (follow senior project sequence of the primary degree) provided it is interdisciplinary in nature (contains elements of both electrical and mechanical engineering).  

**Primary EE/Secondary ME**  

Follow the Electrical Engineering curriculum (132 credit hours) with these additional changes:  

**Do not take the following courses:**  
EME4603 Intro To Mechanical Systems  
EME4613 Intro to Thermal Systems  

**Take the following courses:**  
EGE1023 Engineering Materials  
EME2012 ME Graphics  
EGE2013 Statics  
EME3013 Mechanics of Materials  
EME3123 Fluid Mechanics  
EME3133 Kinematics and Dyn of Mach  
EME4003 Design of Machine Elements  
EME4402 Mechanics Lab  
EME4412 Thermal Science Lab  

**Primary ME/Secondary EE**  

Follow the Mechanical Engineering curriculum (132 credit hours) with these additional changes:  

**Do not take the following course:**  
EEE2123 Circuits & Electronics  

**Take the following courses:**  
EEE2114 Circuits 1  
EEE2111 Circuits 1 Lab  
EEE4423 Communication Systems  
EEE4514 Control Systems & Lab  
EEE3233 Microprocessors  
EEE3124 Signals and Systems  

EEE4214 Electromagnetic Fields & Waves  
EEE4xx3 EE Concentration #1  
EEE4xx3 EE Technical Elective  
EEE3231 Microprocessors Lab  
EEE3121 Circuits 2 Laboratory  

C. Riedel 6/26/2013