Bachelor of Science in Mechanical Engineering Degree Progression (effective Fall 2009 semester)

**Freshmen**
- CHM 1213 University Chemistry 1
- CHM 1221 Univ Chem 1 Lab
- MCS 1414 Calculus 1
- Trigonometry
- EGE 1012 Intro to Engineering
- SSC 2303 Principles of Economics
- COM 1103 English Composition
- LLT 1213 World Masterpieces 1
- COM 1001 University Seminar
- SSC 2413 Foundations American Exp

**Sophomores**
- EGE 1023 Engineering Materials
- MCS 1424 Calculus 2
- EME 2012 Mech Eng Graphics
- EGE 1102 ECAL
- EME 3023 Manufacturing Processes
- EME 2011 Eng Maths Lab
- COM 2103 Tech & Prof Communication
- LLT 1223 World Masterpieces 2
- SSC 2423 Dev of Amer Experience
- LDR 2001 Leadership Models & Practices
- + EGE 3001 Business Law for Engineers
- + EGE 3311 Strat Mgt for Engineers
- + EGE 2211 Marketing for Engineers

**Juniors**
- PHY 2413 Univ Physics 1
- PHY 2421 Univ Phy 1 Lab
- PHY 2431 Univ Phy Lab 2
- MCS 2414 Calculus 3
- MCS 2423 Differential Equations
- EGE 2013 Statics
- EME 3024 Fluid Mechanics
- EME 3033 Eng Numerical Methods
- EEE 2123 Circuits & Electronics
- LDR 3000 Leadership Seminar

**Seniors**
- EME 3011 Intro to Eng Proj 1
- EME 3013 Mechanics of Materials
- EME 3043 Dynamics
- EME 3034 Kinematics & Dyn of Mech
- EME 3120 Engineering Capstone
- LDR 4000 Leadership Capstone

**Required Courses**
- CHM 1213
- PHY 2413
- EGE 1023
- MCS 1424
- EME 2012
- EGE 1102
- EME 3023
- EME 3011
- EME 3013
- EME 3043
- EME 3034
- LDR 2001
- COM 2103
- EGE 3311
- COM 3000
- LDR 3000

**Technical Electives**
- EME 4/5—3 Technical Elective
- LLT/SSC 3/4—3 Jr/Sr Humanities Elective

**Technical Elective**
- EME 4212 Engineering Proj 2
- EME 4402 Engineering Cost Analysis
- EME 3012 Writing Proficiency Exam
- EME 4301 Business Law for Engineers
- EGE 3301 Business Law for Engineers
- EGE 3311 Strat Mgt for Engineers
- EGE 3301 Marketing for Engineers

**Writing Proficiency Exam**
- COM 3000
- EGE 3301
- EGE 3311
- EGE 3301

**Prerequisite**
- COM 2103 Technical & Professional Communication

**Corequisite**
- LDR 3000 Leadership Seminar

**NOTE:**
1. Fresh/Soph general education requirements must be completed before junior year (60+ credits) or you will be placed on probation. Recommendation: take Jr/Sr Humanities & ME Technical electives early to avoid scheduling conflicts in Sr year.
2. COM 3000 Writing Proficiency Exam is a graduation requirement; can be taken when 55 credits are completed and is a prerequisite for the Jr/Sr Humanities elective.