Mechanical Engineering Undergraduate Program of Study
Version 2.0a Catalog Year: 2012-2013

Name:
Advisor:

Key: [F W S] = [Fall Winter Spring] (Shows when course is offered)

Basic Requirements
Mathematics (4)
EA (4)
Chemistry (2)
Physics (2)
EDC (2)
Public Speaking (1)

- Chem 101 — Gen Chem [F]
- Gen_Eng 205-1 — Eng Analysis I [FW]
- Math 220 — Single Var Diff Calc [FW]
- Math 224 — Single Var Int Calc [FWS]
- Math 230 — Multi Var Diff Calc [FWS]
- Math 234 — Multi Var Int Calc [FWS]
- GEN_CMN 102 — Public Speaking Or Alternative [FWS]
- DSGN 106-1 — Eng Design & Com I [FW]
- DSGN 106-2 — Eng Design & Com II [S]
- Physics 135-2 — Elec & Magnatism [FW]
- Physics 135-3 — Waves & Motion [WS]
- Chem 171 — Accl Gen Inorg Chem Replaces Chem 101 & 102 [F]
- Chem 102 — Gen Inorganic Chem [W]
- Gen_Eng 205-2 — Eng Analysis II [WS]
- Gen_Eng 205-3 — Eng Analysis III [F S]
- Gen_Eng 205-4 — Eng Analysis IV [FW]

Basic Engineering (All Required) (5)

- Mat_Sci 201 — Materials Science [FWS]
- Civ_Eng 216 — Mec of Materials [FWS]
- ME 233 — Electronics Design Or EECS 221 [F]
- ME 220 — Thermo I [FWS]
- ME 241 — Fluid Mec [F S]

Mechanical Engineering Major Program (All Required) (7)

- ME 240 — Mec Design & Manuf [S]
- ME 224 — Experimental Eng [F S]
- ME 377 — Heat Transfer [WS]
- ME 202 — Mechanics II [W]
- ME 390 — Intro Dynamic Sys [F]
- ME 315 — Design of Elem [F S]
- ME 340-1 — Manf Processes [F]

ME – Advanced Study – Mechanics Choose 1

- ME 362 — Stress Analysis [S]
- Civ_Eng 327 — Fin Elem Meth in Mec [F]
- ME 365 — Fin Elem Stress Anal [F]
- ME 333 — Intro to Mechatronics (Elective) [W]

ME – Advanced Study – Thermofluid Science Choose 1

- ME 370 — Thermo II [F]
- ME 373 — Eng Fluid Mec [W]

ME – Advanced Study – Dynamics/Control Choose 1

- ME 314 — Dynamics [F]
- ME 363 — Mec Vibrations [S]
- EECS 360 — Feedback Systems [W]

ME – Advanced Study – Design Choose 1

- ME 398 — Engineering Design (Seniors Only) [W]
- ME 340-2 — CAD/CAM [W]
- ME 433 — Adv Mechatronics [S]

Mechanical Engineering Electives (5)
One must be a math or basic science; see Course Catalog for more details

Theme Requirement (7)
Either 3+2+2 (A) or 5+2 (B)
See Course Catalog for detail

Unrestricted Electives (5)

Instructions: Cross out classes that you have taken. Use the boxes provided for electives.

Disclaimer: This document serves as a guide only. Please consult your advisor, the undergraduate engineering office, or the registrar for official information.