MECHANICAL ENGINEERING CURRICULUM

Required ME, GE, math, science and core courses

Semester 1
- Math 2640* Calculus & An Geom I
- Phys 2240 General Physics I
- Chem 1450* Chem for Engineers
- Eng 1130* Freshman Composition

Semester 2
- Math 2740 Calculus & An Geom II
- Phys 2340 General Physics II
- GE 2130 Statics
- GE 1000* Success Skills

Semester 3
- Math 2840 Calculus & An Geom III
- GE 2030 Engr Model and Design
- GE 2340 Mechanics of Materials
- GE 1030 Intro Engr Projects

Semester 4
- Math 3630 Differential Equations
- GE 2930 Appl of Elec Engr
- ME 3030 Dynamical Systems
- ME 3830 Mechanisms & Machines

Semester 5
- Math 4030 Statistical Methods
- ME 3030 Dynamical Systems
- ME 3230 Manufac'g Processes
- ME 3330 Design of Mach Elem

Semester 6
- ME 4330 Automatic Controls
- ME 3830 Mechanisms & Machines
- ME 3300 Fluid Dynamics
- ME 3640 Heat Transfer

Semester 7
- GE 3720 Mechanical Sys Lab
- ME 3720 Mechanical Controls
- ME 4720 Thermal Sys Lab
- ME 4730 Therm Sys Design

Semester 8
- ME 4930‡ Senior Des Project
- GE 4930‡ Senior Des Project

For general education requirements, see the current university catalog.

Legend
- Prerequisite
- Prerequisite w/ "C-" or better
- Corequisite
- GE core courses (2.6 GPA required for ME)

* Check current catalog for pre/corequisites
** Student must be in a degree granting engineering program
‡ Graduating seniors only

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SEE BACK FOR TECHNICAL ELECTIVES
TECHNICAL ELECTIVES
The BSME requires 9 credit hours of technical electives

* Requires senior standing or consent of instructor.
** Requires co-op or internship experience
For a schedule of planned offerings of ME technical electives, go to:  http://www.uwplatt.edu/meie/proposedclasses.htm