Mechanical Engineering Curriculum Map
(down arrows indicate pre-requisite, horizontal arrows indicate co-requisite)

Semester 1
- CSE 1010 Intro to Comp
- CHEM 1127Q Chemistry I
- MATH 1131Q Calculus I
- ENGR 1000 Orient. To Engr.
- ENGL 1010/1011 or GEN ED

Semester 2
- PHYS 1501Q Phys. for Engr.
- MATH 1132Q Calculus II
- ENGR 1166 Found. of Engr.
- ENGL 1010/1011 or GEN ED
- GEN ED

Semester 3
- PHYS 1502Q Phys. Engr. II
- ME 2233 Thermo. Princ.
- MATH 2110Q Multi. Calc
- CE 2110 Applied Mech. I
- GEN ED

Semester 4
- ME 2234 App. Thermo.
- MATH 2410Q Differential Eq.
- CE 2120 Applied Mech. II
- PHIL 1104
- GEN ED
- Free Elective

Semester 5
- ME 3263 Sensors & Data
- ME 3250 Fluid Dynamics
- ME 3253 Linear Systems
- CE 3110 Mech. of Mat.
- ME 3XXX ME Elective

Semester 6
- MSE 2101 Mat. Sci & Eng
- ME 3264 App. Meas.
- ME 3242 Heat Transfer
- ME 3220 Vibrations
- Professional Requirement

Semester 7
- ECE 2000 Elec. & Comp.
- ME 4972 Senior Design I
- ME 3255 Comp. Mech.
- ME 3227 Design Mach.
- ME 3XXX ME Elective

Semester 8
- Free Elective
- ME 4973W Senior Design II
- ME 3XXX ME Elective
- Professional Requirement
- GEN ED

Professional Requirement
Two courses at the 2000 level or higher in engineering, mathematics, statistics, physical, or life sciences

Additional Math and Science Requirement
6 credits in 1000 level or higher mathematics, statistics, physics, or life sciences. For a complete list of courses that satisfy this requirement, see your advisement report.
Note: 2000 level or higher courses may be used to satisfy the professional requirement.

You must meet with your academic advisor at least once every semester to ensure you are making satisfactory progress towards your degree.