Mechanical Engineering B.S. Curriculum (Effective Spring 2013)

First Year/Freshman
- Phys. Ed. 1
- Phys. Ed. 2
- First-year writing seminar 1
- First-year writing seminar 2
- ENGR 1xx0 Intro to ...
- CS 111X* Intro. to Comp. (Matlab Recommended)

Second Year/Sophomore
- Liberal Studies
- Liberal Studies
- ENGR 2210 Thermo.
- ENGRI 1xx0
- Math 1910 Calc. for Engineers
- Math 1920 MultiVar Calc. For Engineers
- Math 2930 Diff. Equations
- Math 2940 Linear Algebra
- PHYS 1112 Phys 1 – Mechanics & Heat
- PHYS 2213 Phys 2 – Electromagnetism
- MAE 2250 Mech. Synthesis
- MAE 2120 Mech. Prop. & Material Selec. (Matlab required)
- MAE 2030 Dynamics
- MAE 2020 Statics & Mech. of Solids

Junior Standing
- Liberal Studies
- Liberal Studies
- MAE 2250 Mech. Synthesis
- MAE 2120 Mech. Prop. & Material Selec. (Matlab required)
- MAE 2030 Dynamics
- MAE 2020 Statics & Mech. of Solids
- MAE 3230 Fluid Mech.
- MAE 3272 Mech. Prop. & Perform Lab
- MAE 3780 Mechatronics or ECE 2100 or Phys 3360
- MAE 3260 System Dynamics
- MAE 3250 Analysis of Mech. & Aero. Structures
- MAE 3270 Mech. Prop. & Perform Lab

Senior Standing
- Liberal Studies
- Liberal Studies
- MAE 4272 Fluid/Therm. Lab
- MAE 4300 Prof. Practice in ME
- MAE 4291 Sr. Design
- MAE 4272 Fluid/Therm. Lab
- MAE 4300 Prof. Practice in ME
- MAE 4291 Sr. Design
- MAE 4272 Fluid/Therm. Lab

Notes:
*Students entering prior to Fall 2012: If CS 1110 was taken, CS 1132 will be required. If CS 1112 was taken, CS 1130 will be required. A transition CS course is not required for students entering Fall 2012 and beyond.