Mechanical Engineering B.S. Curriculum (2017-2018 and beyond)

First Year/Freshman
- Phys. Ed. 1
- Phys. Ed. 2
- First-year writing seminar 1
- First-year writing seminar 2
- CS 111X* Intro to Comp. (Matlab Recommended)
- Math 1910 Calc. for Engineers
- Math 1920 MultiVar Calc. For Engineers
- PHYS 1112 Phys 1 – Mechanics & Heat
- PHYS 2213 Phys 2 - Electromagnetism
- ENGRD 2100 Thermo.
- ENGRD 2210 Intro to ...
- ENGRI 1xx0 Intro to ...

Second Year/Sophomore
- Liberal Studies
- MAE 2250 Mech. Synthesis
- ENGRD 2020 Statics & Mech. of Solids
- Math 1920 MultiVar Calc. For Engineers
- Math 2930 Diff. Equations
- Math 2940 Linear Algebra
- Math 2910 Multivariable Calculus
- ENGRI 1xx0 Intro to ...

Junior Standing
- Liberal Studies
- MAE 3230 Fluid Mech.
- MAE 3270 Mechanics of Engineering Materials (first offered Summer/Fall 2017)
- MAE 3270 Mechanics of Engineering Materials (first offered Summer/Fall 2017)
- MAE 3280 Experimental & Applied Mech. of Structures (first offered Spring 2018)
- MAE 3260 System Dynamics
- MAE 3780 Mechatronics or ECE 2100 or Phys 3360
- Major-Approved Elective 1
- Major-Approved Elective 2

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

Notes:
If you’re not on the standard path in the solids curriculum and have questions about how to transition to the new curriculum, please contact Prof. Fisher (emf4) or the MechE undergrad office, 106 Rhodes Hall.

Flexible Timing
- prerequisite
- co-requisite
- must take term shown
- unless AP, take term shown
- Flexible Timing
- any term