Mechanical Engineering B.S. Curriculum

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

Second Year/Sophomore
- Math 1910 Calc. for Engineers
- Math 1920 MultiVar Calc. For Engineers
- Math 2930 Diff. Equations
- Math 2940 Linear Algebra
- ENGRD 2020 Statics & Mech. of Solids
- ENGRD 2210 Thermo.
- MAE 2250 Mech. Synthesis
- MAE 2030 Dynamics
- MAE 3270 Mechanics of Engineering Materials
- MAE 3280 Experimental & Applied Mech. of Structures
- MAE 3230 Fluid Mech.
- MAE 3240 Heat Transfer
- MAE 3780 Mechatronics or ECE 2100 or Phys 3360
- MAE 3260 System Dynamics

Junior Standing
- Liberal Studies
- Liberal Studies
- Liberal Studies
- Liberal Studies

Senior Standing
- MAE 4272² Fluid/Therm. Lab
- MAE 4300 Prof. Practice in ME
- Applying for early admit M.Eng. ??
- MAE 4XX1 Sr. Design
  May be taken first OR second semester of sr. year.

Notes:
1: MAE 4272 satisfies the Engineering Communications requirement.
2: The Probability and Statistics requirement is satisfied by some (not all) Math Elective Courses. Consult mae.cornell.edu for a list of courses and more info.

Flexible Timing
- Technical Elective
- Math Elective
- Advisor-Approved Elective 1
- Advisor-Approved Elective 2
- Major-Approved Elective 2
- Major-Approved Elective 1

prerequisite
- co-requisite
- must take term shown
- Flexible Timing
- any term