ME Flow Chart – 2008 Curriculum (Revised 2012)

Freshman Year (Common first year)

- Math 221 Calculus 1
- Chem 111 w/ Exp Lab
- WTSN 111 Intro to Engr. I w/ Comp Lab
- WTSN 103 Tech. Comm.
- Elective
- Body/ Wellness

Sophomore Year

- Math 222 Calculus 2
- PHYS 131 Physics 1 w/ Exp Lab
- WTSN 112 Intro to Engr. II w/ Comp Lab
- Elective
- Body/ Wellness

- Math 371 Math Methods I (Diff.Eq.)
- PHYS 132 Physics 2 w/ Exp Lab
- ME 273 Statics
- Elective

Junior Year

- Math 323 Calculus 3
- ME 211 Solid Mechanics
- ME 274 Dynamics
- ME 273 Statics
- ME 274 Dynamics
- ECE 260 Circuits w/ Exp Lab
- Elective

- ME 302 Advanced Engineering Mathematics
- ME 362 Materials Science w/ Exp Lab
- ME 331 Thermodynamics
- ME 381 Cmptr-Aided Engr w/Comp Lab
- Elective

Senior Year

- ME 391 Measurements and Instrumentation Lab
- ME 392 Mechanical Engr. Design
- ME 351 Fluid Mechanics
- ME 372 Engr Project Management

- ME 302 Advanced Engineering Mathematics
- ME 362 Materials Science w/ Exp Lab
- ME 331 Thermodynamics
- ME 381 Cmptr-Aided Engr w/Comp Lab
- Elective

- ME 403 Computational Methods
- ME 493 Senior Project I
- ME 441 Heat Transfer
- ME 421 Vibrations

- ME 424 Control Systems
- ME 494 Senior Project II
- Tech. Elective
- Tech. Elective

Cat. I (C+O=J), Cat. II (P, G), Cat. III (L, N, M), Cat. IV (A, H), Cat. V (Y+S=B)