The Ohio State University
Mechanical Engineering
Curriculum Map

Key
- Green: System Dynamics & Control
- Red: Mechanics
- Blue: Thermal Sciences
- Yellow: Electronics
- Orange: Design of Manufacturing
- Purple: Senior Design
- Gray: Laboratories
- Black: Prerequisite
- Gray Dashed: Prereq or Concurrent
- Pink: Major Students Only
- White: Concurrent

Semester 1
- MATH 1151: Calculus 1
- PHYSICS 1250: Mechanics, Thermal
- ENGR 1181: Fundamentals 1
- ENGR 1100: ENGR Survey
- General Education

Semester 2
- MATH 1172: Engr Math A
- CHEM 1250: Chem for Engr
- ENGR 1182: Fundamentals 2
- GE: Launch Seminar
- General Education

Semester 3
- MATH 2173: Engr Math B
- PHYSICS 1251: E&M, Optics
- MATSCEN 2010: Engr Materials
- MECHENG 2010: Statics
- ISE 2040: Engr Economics
- STAT 3450: Engr Stat Mthds

Semester 4
- MATH 2174: Lin Alg & Diff Eq
- MECHENG 2850.01
- MATSCEN 2010: Engr Materials
- MECHENG 2020: Mech of Matls
- MECHENG 2030: Dynamics
- General Education

Semester 5
- MECHENG 3260: Sys Dynamics
- ECE 2300: Circuits
- MECHENG 2900: Intro to ME Dsgn
- MECHENG 3501: Thermodynamics
- MECHENG 3670: Engr Economics
- General Education

Semester 6
- MECHENG 3870: Msmts & Data
- MECHENG 3503: Intro to Fluids
- MECHENG 3360: Sys Integration
- MECHENG 3671: Machine Elmnt 2
- General Education

Semester 7
- ISE 4500: Mfg Process
- MECHENG 4510: Heat Transfer
- MECHENG 490X.01
- MECHENG 490X.02
- Technical Elective

Semester 8
- MECHENG 4870: Multidisciplinary
- General Education
- General Education
- MECHENG 490X.02
- Technical Elective
- Technical Elective

* 7-week Session Course
* Concurrent