B.S. Mechanical Engineering Prerequisite Flowchart

Key:
- (C): Corequisite
- MBS
- MA Basic Sci. Course (Credit Hours)
- EGR
- General EGR Course (Credit Hours)
- ME
- Mechanical EGR Course (Credit Hours)
- SCI/MA/EGR Elective (Credit Hours)

Fall 1st Year:
- EH 101 English Comp. I (3)
- CH 115 Gen Chemistry I (3)
- CH 116 Gen Chem I Lab (1)
- MA 125 Calculus I (4)
- EGR 110 Intro to EGR I (1)
- ME 102 EGR Graphics (2)

Spring 1st Year:
- EH 102 English Comp. II (3)
- CH 117 Gen Chemistry II (3)
- HFA/SBS (3)
- MA 126 Calculus II (4)
- EGR 111 Intro to EGR II (1)

Fall 2nd Year:
- EGR 150 Comp. Meth. for EGR (3)
- PH 221 Gen Physics I (4)
- CE 210 Statics (3)
- ME 210 Thermodynamics I (3)

Spring 2nd Year:
- EGR 265 MA Tools for EGR Prob. Solving (4)
- PH 222 Gen Physics II (4)
- ME 215 Dynamics (3)
- ME 241 Thermodynamics I (3)

Fall 3rd Year:
- ME 242 Thermodynamics II (3)
- CE 210 Statics (3)
- ME 370 K&D (3)
- ME 371 Machine Design (3)

Spring 3rd Year:
- ME 241 Thermodynamics I (3)
- ME 312 Electrical Sys (3)
- MA 126, PH 221
- EGR 150

Fall 4th Year:
- EGR 265 MA Tools for EGR Prob. Solving (4)
- PH 222 Gen Physics II (4)
- CE 220 Mech. of Solids (3)
- CE 221 Mech. of Solids Lab (1)

Spring 4th Year:
- HFA/SBS (3)
- ME Elective (3)
- ME 361 Thermo-Fluids Systems & Lab (3)
- ME 360 Mechatronics (3)
- ME 481 Mechanical Systems & Lab (3)
- ME 370 K&D (3)
- EE 312 Electrical Sys (3)
- ME 360 Mechatronics (3)
- ME Elective (3)
- CE 395 Engineering Econ (3)

General Education Course (Credit Hours)
- MA Basic Sci. Course (Credit Hours)
- EGR
- General EGR Course (Credit Hours)
- ME
- Mechanical EGR Course (Credit Hours)
- SCI/MA/EGR Elective (Credit Hours)

Rev 5.20