B.S. Mechanical Engineering 2017 -2018 Flow Chart (updated 10/18/17)

Disclaimer: Although we have made every effort for this flow chart to be free of errors, it cannot be guaranteed correct for all students. See DegreeWorks for official degree requirements.

Year 1
Spring
- ENGL 1101 Composition I
- ENGL 1102 Composition II
- TCOM 2010 Technical Writing
- COM 1100 Human Communication (recommended)

Fall
- ENGR 2214 Statics
- MATH 2202 Calculus II
- MATH 2203 Calculus III
- ENGR 3122 Dynamics

Year 2
Spring
- Core C1 Literature of the World (ENGL 1102 pre-req)
- Core C2 Literature of the World (ENGL 1102 pre-req)
- ENGR 3131 & ENGR 3132 Strength of Materials & Lab
- ENGR 3343 & ENGR 3345 Fluid Mechanics & Lab

Fall
- ME 1001 Intro to ME
- ME 1311 MATLAB for Engineers
- ME 3101 Material Science & Engineering (CHEM 1211 & PHYS 2211 pre-reqs)
- ENGR 3125 Machine Dynamics & Vibrations

Year 3
Spring
- STS 1101: Science, Technology, & Society (recommended)
- ME 3501 Dynamic Systems & Control Theory

Fall
- MATH 1190 Calculus I (MATH 1112 or 1113 pre-req)
- MATH 1190 Calculus I (MATH 1112 or 1113 pre-req)
- ENGR 3434 & ENGR 3345 Fluid Mechanics & Lab
- ME 3410 Thermodynamics

Year 4
Spring
- Core E2 U.S. History
- Core C2 Arts & Culture of the World

Fall
- ENGR 3201 Product Realization
- ME 3201 Probability & Data Analysis (MATH 1190 pre-req)
- ME 3440 Heat Transfer
- ENGR 4402 Ethics

Critical Path
- Requires Engineering Standing Fall 2014