Bachelor of Science in Mechanical Engineering Curriculum Flowchart

1st
- MATH 1451 CAL I
- CHEM 1307 CHEM I
- ENGR 1315 INTRO TO ENGR
- ENGL 1301 ESS COLL RHET
- HIST 2300 HIST US TO 1877

2nd
- MATH 1452 CAL II
- PHYS 1408 PHYS I
- E GR 1206 ENGR GRAPHICS
- ENGL 1302 ADV COLL RHET
- HIST

3rd
- MATH 2450 CAL III
- PHYS 2401 PHYS II
- ECE 3301 GEN ELEC ENGR
- POLS 1301 AM GOV ORG
- ORAL - SPCH ELEC

4th
- MATH 3350 HIGH MATH - ENGR
- ME 2301 STATICS
- ME 2302 DYNAMICS
- ME 2115 FUND COMP PROG
- ME 2322 THERMO I

5th
- MATH 3403 INTRO TO DESIGN
- ME 3164 FEA LAB
- ME 3215 NUMER METH
- ME 3215 SYS & VIBRATIONS
- ME 3370 FLUID MECH

6th
- ME 3365 INTRO TO DESIGN
- ME 3342 MATH STAT - ENGR
- ME 3311 MATERIALS SCI
- ME 3333 SYS & VIBRATIONS
- ME 3322 THERMO II

7th
- ME 4370 DESIGN I
- ME 4234 CONT DYN SYS LAB
- ME 4334 CONT DYN SYS
- DEPT ELEC
- ME 4251 THERM-FLIUID LAB

8th
- ME 4371 DESIGN II
- ME 4244 ENG ECON ANALYSIS
- DEPT ELEC
- DEPT ELEC
- VIS/PERF ART ELEC*

All students must satisfy the university foreign language requirement with 2 yrs foreign language credit from high school OR 2 semesters of college credit.

Legend:
- Red: Mechanical Engineering Courses
- Yellow: General Education Requirements
- Green: Science Requirements
- Blue: Math Requirements
- Orange: Engineering