## BS Mechanical Engineering Program

### First Year
- **MATH 30 (4)** Calculus I
- **MATH 31 (4)** Calculus II
- **MATH 32 (4)** Calculus III
- **CHEM 1E (4)** Gen. Chemistry for Engr.
- **PHYS 11A (4)** Gen. Physics: Mechanics
- **ME 6 (3)** Engr. Graphics and CADD
- **GEN ED (3)** ENGL 5 or 11* ENGL 5M or 11M

### Second Year
- **MATH 45 (3)** Differential Equations
- **ENGR 11 (3)** Statics
- **MATH 30**
- **ENGR 45 (3)** Manufacturing Processes
- **GEN ED (3)** HIST 17A/17B*
- **GEN ED (3)** ENVS 10*
- **GEN ED (3)** ENGL 20*

### Third Year
- **ENGR 110 (3)** Dynamics
- **ENGR 112 (3)** Mechanics of Materials
- **ME 116 (2)** Machinery Design I
- **ME 117 (2)** Machinery Design II
- **ME 76 (2)** Prog. & Prob. Sol. In Engr.
- **ME 107 (3)** App. of Prog. In ME
- **ME 108 (2)** Professional Topics in ME
- **ME 120 (3)** Fluid Mech. for ME
- **GEN ED (3)** AREA C1*

### Fourth Year
- **ME 126 (3)** Heat Transfer
- **ME 172 (3)** Control System Design
- **ME 190 (3)** Project Engineering I
- **ME 191 (2)** Project Engineering II
- **ME ELEC (6)**
- **GEN ED (3)** AREA C1/C2*
- **GEN ED (3)** AREA C2*
- **GEN ED (3)** AREA D*
- **GEN ED (3)**

*Courses with an asterisk are suggestions, please see your advisor for additional assistance.

**Total Units: 122**

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The course sequence shown ensures all prerequisites are completed prior to taking a course. Prerequisites are shown below the class/class number. Concurrent enrollments are shown in orange. A grade of C- or better is required in all major courses.

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