

First Year

MATH 30 (4) Calculus I Diagnostic	MATH 31 (4) Calculus II MATH 30
CHEM 1E (4) Gen. Chemistry for Engr. Diagnostic	PHYS 11A (4) Gen. Physics: Mechanics MATH 30 MATH 31
ENGR 6 (3) Engr. Graphics and CADD	ME 37 (3) Manufacturing Processes
GEN ED (3) ENGL 5 or 11* ENGL 5M or 11M	GEN ED (3) COMS 4/5*

Second Year

MATH 32 (4) Calculus III MATH 31	MATH 45 (3) Differential Equations MATH 31
PHYS 11C (4) Gen. Physics: Elec. & Mag. PHYS 11A MATH 31	ENGR 17 (3) Circuit Analysis PHYS 11C & MATH 45 OR PHYS 11C & MATH 45
ENGR 45 (3) Engineering Materials MATH 30 CHEM 1E	ENGR 30 (3) Statics PHYS 11A MATH 31
GEN ED (3) HIST 17A/17B*	ME 76 (2) Prog. & Prob. Sol. In Engr. MATH 30 PHYS 11A
GEN ED (3) POLS 1*	GEN ED (3) ENVS 10*
	GEN ED (3) ENGL 20*

Third Year

ENGR 110 (3) Dynamics ENGR 30 MATH 32 MATH 45	ENGR 124 (3) Thermodynamics CHEM 1E MATH 32 PHYS 11A
ENGR 112 (3) Mechanics of Materials ENGR 6 ENGR 45 ENGR 30 MATH 45	ME 180 (3) Mech. Prop. of Materials ENGR 112
ME 116 (2) Machinery Design I ME 37 ENGR 112	ME 117 (2) Machinery Design II ME 116
ME 106 (1) App. of Prog. In ME ME 76 or equivalent	ME 171 (3) Mod. & Sim. of Mech/CS ENGR 110 ME 76
ME 108 (2) Professional Topics in ME MATH 31	ME 138 (3) Product & Process Design ME 37 ME 116
ME 120 (3) Fluid Mech. for ME ENGR 110	GEN ED (3) AREA C1*

Fourth Year

ME 126 (3) Heat Transfer ME 120 ENGR 124	ME ELEC (6)
ME 172 (3) Control System Design ME 171	
ME 190 (3) Project Engineering I ME 117	ME 191 (2) Project Engineering II ME 190
GEN ED (3) AREA C1/C2*	ME 128 (3) Thermal-Fluid Systems ME 126
GEN ED (3) AREA C2*	GEN ED (3) AREA D*

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.

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

Total Units: 122