Mechanical Engineering

Year 1

Fall Semester

Multivariable Calculus	Foundations of Science 1	Foundations of Science 2	First-year Writing Seminar

Spring Semester

Linear Algebra	Computer Programing for Engineers	Core	Colloquium

Year 2

Summer Term

ECC: Design & Innovation

Fall Semester

Differential Equations for Engineers	ECC: Digital Logic / ECC: Statics	ECC: Circuits / ECC: Conservation Laws	CAD / Engineering Materials

January Term

Colloquium

Spring Semester

Math Course	Engineering Dynamics	Thermodynamics	Fluid Mechanics / ECC: Ethics

Year 3

Fall Semester

Solid Mechanics / Advanced Solid Mechanics	Modeling of Dynamical Systems	Heat Transfer / Thermofluids Lab.	EM Physics

January Term

Colloquium

Mechanical Engineering Elective	Mechanical Engineering Elective	General Elective	Core

Year 4

Fall Semester

Capstone Design I / Mechanical Engineering Elective	Mechatronics / Mechatronics Lab	Prob. & Stats / Numerical Methods	Core

Spring Semester

Capstone Design II	Mechanical Engineering Elective	Mechanical Engineering Elective	Core