

Mechanical Engineering

Sample Schedule

You should discuss with your major mentor before proceeding with the following schedule

Year 1				
Fall Semester	Calculus with Applications or Calculus	ECC: Computer Programming for Engineers	Core	First-year Writing Seminar
Spring Semester	Multivariable Calculus	Foundations of Science 1	Foundations of Science 2	Colloquium
				January Term ECC: Design & Innovation
Year 2				
Fall Semester	Linear Algebra	ECC: Digital Logic ECC: Statics	ECC: Circuits ECC: Conservation Laws	CAD Engineering Materials
Spring Semester	Differential Equations for Engineers	Engineering Dynamics	Thermodynamics	Fluid Mechanics ECC: Ethics
				January Term Colloquium
Year 3				
Fall Semester	Solid Mechanics Advanced Solid Mechanics	Modeling of Dynamical Systems	Heat Transfer Thermofluids Lab.	EM Physics
	Mechanical Engineering Elective	Mechanical Engineering Elective	General Elective	Core
				January Term Colloquium
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