General Engineering

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

January Term

ECC: Design & Innovation

Spring Semester

Multivariable Calculus	Foundations of Science 1	Foundations of Science 2	Colloquium
	ECC: Ethics		

Year 2

Fall Semester

Linear Algebra	ECC: Statics	ECC: Conservation Laws	Core
	ECC: Digital Logic	ECC: Circuits	

January Term

Colloquim

Spring Semester

ODEs/ Differential Equations for Engineers	Engineering Elective	Engineering Elective	General Elective

Year 3

Fall Semester

Probability & Statistics	Engineering Elective	EM Physics	Core
ECC: Numerical Methods			

January Term

Colloquim

Spring Semester

Engineering Elective(3cr)	Engineering Elective	Engineering Elective	Engineering Elective

Year 4

Fall Semester

Discrete Math (4cr)/Data Analysis (2cr)	Engineering Elective	Core
Capstone Design I		

Spring Semester

Capstone Design II	Engineering Elective	Engineering Elective