Bioengineering (Non-premed)

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

Year 1
Fall Semester

Math 1000 A&B	ECC: Computer Programming for Engineers	First-year Writing Seminar	General Elective

January or June Term

ECC: Design & Innovation

Spring Semester

Calculus	Foundations of Science 1	Foundations of Science 2	Colloquium

Summer Term

MVC

Year 2
Fall Semester

Linear Algebra	Bioengineering Principles	ECC: Statics	ECC: Conservation Laws
	ECC: Digital Logic	ECC: Circuits	ECC: Numerical Methods

January Term

Colloquium

Spring Semester

Differential Equations for Engineers	Foundations of Science 3	Foundations of Science 4	Biotransport
			ECC: Ethics

Year 3
Fall Semester

Prob & Stats	Bioengineering Elective	Biomechanics	Core
Bioimaging	Bioinstrumenation	Biomaterials	

January Term

Colloquium

Spring Semester (Study-away)

Bioengineering Elective	Bioengineering Elective	Bioengineering Elective	Core

Year 4
Fall Semester

Capstone Design I	Bioengineering Elective	Bioengineering Elective	Core

Spring Semester

Capstone Design II	Physical Chemistry	Bioengineering Elective	Core