Bioengineering (Premed)

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

January Term

Colloquium

Spring Semester

Math Course	Foundations of Science 3	Foundations of Science 4	Biotransport
			ECC: Ethics

Year 3

Fall Semester

Prob & Stats	Foundations of Science 5	Foundations of Science 6	Core
Bioinstrumenation			

January Term

Colloquium

Spring Semester (Study-away)

Bioengineering Elective (Engineering track)	Bioengineering Elective (Engineering track)	Bioengineering Elective (Organic Chemistry I)	Bioengineering Elective (Engineering track)

Year 4

Fall Semester

Capstone Design I	Bioengineering Elective (Organic Chemistry II)	Biomechanics	Core
Bioimaging		Biomaterials	

Spring Semester

Capstone Design II	Physical Chemistry	Bioengineering Elective (Engineering track)	Core