

Eng credit	√	Course	Course Name	Prerequisites	Add'l Info
Unrestricted Electives (5 units)					
Major Program					
Core (9 courses + 1 zero credit seminar)					
0		BME 101	Introduction to Biomedical Engg		Zero credit seminar
0		Chem 210-1	Organic Chemistry	Chem 103 or Chem 172	
0		Biol Sci 210-2	Biochemistry and Molecular Biology	Chem 210-1	
1		BME 301	Systems Physiology I	Phys 135-2	
1		BME 302	Systems Physiology II	Math 230	
1		BME 303	Systems Physiology III	Biol Sci 210-2	jr standing recommended
1		BME 305*	Biomedical Signals Analysis	Phys 135-2	
1		BME 306*	Biomedical Systems Analysis	Gen Eng 205-4, BME 305	
1		BME 307	Quant. Experimentation and Design	Stats, BME 305, BME 306	
1		BME 390-1	Biomedical Engineering Design	BME 307	
Tracks (5 courses) – See separate page for each track					
Technical Electives (2 courses) – may include Chem 101, Biol Sci 210-1 and 3, Chem 210-2 and 3, EECS 230, 300-level or higher courses in engineering, science, or mathematics (395 courses must be approved; not all are acceptable).					

*If you are pursuing the Electronic Engineering track or the Computer Engineering track, alternate courses can be used for the basic engineering requirement and for BME 305 and 306. See the supplemental pages for these two tracks.