

## Biomedical engineering department

### Program Tracking Sheet -Requirements for the general department Courses

Student name		ID number			
	Course	Course name	Units	Prerequisites	Grade
1	BME 242	English II	3	GH 140	
2	BME 200	Introduction to Biomedical & terminology	3	No prerequisite	
3	BME 201	Cell Biology	2	No prerequisite	
4	BME 202	Thermodynamics	3	GS 111, GS 115	
5	BME 203	Mathematics III	3	GS 102	
6	BME 204	Mathematics IV	3	GS 102	
7	BME 205	Anatomy	2	BME 201	
8	BEM 206	Biostatistics and numerical methods	3	No prerequisite	
9	BME 211	Engineering Mechanics II	3	GE 121	
10	BME 220	Electrical Circuit theory	3	GS102, GS 112	
11	BME 260	Introduction to Computer Programming	3	BME 203	
12	GE 129 L	.Workshop Technology Lab	1	GE129	
13	BME 301	Safety, & Ethics & Radiation Physical protection	3	No prerequisite	
14	BME 302	Signals and Systems	3	BME 204, BME 220	
15	BME 303	Hospital clinical engineering and management	2	No prerequisite	
16	BME 304	Physiology	3	BME 205	
17	BME 310	Fundamental of biomaterials	3	GS129 & GS115	
18	BME 320	Electronics	3	GS102, BME 220	
19	BME 311	Fundamental of Machinery Design	3	BME 260 ,GE127	
20	BME 321	Measurement and Instrumentation I	3	BME 220, BME206	
21	BME 330	Biochemistry	3	GS 115	
22	BME 350	Medical spectrum scope	3	GS 102, GS112	
23	BME 360	Control Systems Engineering	3	BME 302	
24	GH 352	Technical Writing	1		
25	BME 331	Bio-transport Phenomena & Fluid Mechanics	3		
26	BME 361	Modeling and simulation	3	BME 360	
27	BME 401	Health care facilities and human factor	3		
28	BME 402	Introduction to digital system	3		
29	BME 403	Biomedical Engineering Laboratory	2		
<b>Total general credits = 110 credit</b>					

Notes:

.....

.....