

Advising Sheet: B.S. in Biomedical Engineering – Biomolecular

(Revised September 2020)

Name: _____

ID: _____

FALL					SPRING									
Freshman (17)	Hrs	Grade	Prereq	Coreq	Freshman (16)	Hrs	Grade	Prereq	Coreq					
Writ 101	3				Writ 102	3								
Math 261	3		Math ACT 24		Math 262	3		Math 261 (min C)						
Chem 105	3		Math ACT 25	Chem 115	Chem 106 ⚓	3		Chem 105 (min C)	Chem 116					
Chem 115	1			Chem 105	Chem 116 ⚓	1			Chem 106					
Bisc 160 ⚓	3		Math ACT 25	Bisc 161	Bisc 162 ⚓	3		Bisc 160 (min C)	Bisc 163					
Bisc 161 ⚓	1			Bisc 160	Bisc 163 ⚓	1		Bisc 161 (min C)	Bisc 162					
SS/H/FA	3				BME 200 ⚓	2		Math 261	Chem 105					
Sophomore (17)					Sophomore (17)									
Math 263	3		Math 262 (min C)		Math 264	3		Math 263 (min C)						
Phys 211	3			Math 262, Phys 221	Math 353	3			Math 264					
Phys 221	1			Phys 211	Phys 212	3		Phys 211	Math 262, Phys 222					
CSCI 251	3			Math 261	Phys 222	1			Phys 212					
BME 222 ⚓	3		Bisc 160 (min C-), Chem 105 (min C-)		ENGR 360	3		Math 262, Phys 211	Phys 212					
Chem 221	3		Chem 106 (min C)		Chem 222	3		Chem 221 (min C)						
Chem 225	1		Chem 116	Chem 221	Chem 226	1		Chem 225	Chem 222					
Junior (15)					Junior (15)									
EL E 331	3		ENGR 360 (min C-), Math 353		BME 314 ⚓	1		Math 261, Phys 212						
BME 313 ⚓	3		Chem 105, Math 261, Phys 212, CSCI 251 (211)		BME 370 ⚓	3		Math 353 or Math 302 or Math 375 & CSCI 251 or CSCI 112						
Bisc 336	4		Bisc 160,161, 162 & 163 (min C)		BME 444 ⚓	3		BME 333, ELE 331						
Ch E 307 ⚓	2		Chem 106 (min C)		ECON 310 ⚓	3		Math 262						
SS/H/FA	3				Ch E 308 ⚓	2		Ch E 307 (min C-), Math 262 (min C-)						
					Track Elective	3								
Senior (15)					Senior (14)									
BME 333 ⚓	3		ChE 308 (min C-), Bisc 162 (min C)		BME 320 ⚓	3		BME 333						
BME 461 ⚓	2		BME 444		Ch E 520	3								
BME 510 ⚓	3		BISC 162 & Chem 106		BME 462 ⚓	2		BME 461						
ENGR 400 ⚓	1				SS/H/FA	3								
Track Elective	3				SS/H/FA	3								
SS/H/FA	3													
Must have at least 6 hrs of Social/Behavioral Science courses, 9 hrs of Humanities and Fine Arts course with at least 3 hrs in each; 15 hrs of Social/Behavioral Sciences – Humanities – Fine Arts and other approved courses are required. Must take 3 hrs Engineering Economy serving as a required liberal arts class (total of 18 hrs).														
Social/Behavioral Science					Humanities					Fine Arts				
Engineering Electives – Any 300+ level engineering course					Track Electives – Any departmental (track) approved 300+ level elective course									
⚓ An anchor means a course is only taught in a designated Fall/Spring semester. However, the class may be taught in Summer session(s).														
										Total = 126 Hours				