

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

(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 (18)					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	
CSCI 343	3		CSCI 112 or CSCI 251 or CSCI 256		BME 444 ⚓	3		BME 333, ELE 331	
Ch E 307 ⚓	2		Chem 106 (min C)		CSCI 475	3		CSCI 211 or CSCI 343	
SS/H/FA	3				Ch E 308 ⚓	2		Ch E 307 (min C-), Math 262 (min C-)	
BISC 336 ⚓	4		Bisc 160, 161, 162 & 163		SS/H/FA	3			
Senior (12)					Senior (14)				
BME 333 ⚓	3		ChE 308 (min C-), Bisc 162 (min C)		BME 462 ⚓	2		BME 461	
BME 461 ⚓	2		BME 444		ECON 310 ⚓	3		Math 262	
CSCI Elective	3				CSCI Elective	3			
ENGR 400 ⚓	1				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				