

**Advising Sheet: B.S. IN BME – Biomedical Systems**  
(Revised October 31<sup>st</sup> 2018)

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Fall					Spring				
Freshman:	Hrs	Grade	Sem	Prereq/Coreq		Hrs	Grade	Sem	Prereq/Coreq
Writ 101	(3)					Writ 102	(3)		
Math 261	(3)			Math ACT 24		Math 262	(3)		Math261 (Min C)
Chem 105	(3)			Math ACT 25, Chem115		Chem 106	(3)		Chem105 (Min C), Chem116
Chem 115	(1)			Chem105		Chem 116	(1)		Chem106 (Min C)
Bisc 160	(3)			Math ACT 25, Bisc161		Phys 211	(3)		Math262, Phys221
Bisc 161	(1)			Bisc160		Phys 221	(1)		Phys211
SS/H/FA	(3)					SS/H/FA	(3)		
<b>Sophomore:</b>									
Math 263	(3)			Math262 (Min C)		Math 264	(3)		Math263 (Min C)
ENGR 310	(3)			Math262		Math 353	(3)		Math264
Phys 212	(3)			Math262, Phys222, Phys211		ENGR 360	(3)		Math262, Phys212
Phys 222	(1)			Phys212		Ch E 308	(2)		Ch E 307 (Min C-), Math262 (Min C-)
BME 200	(2)			Math261, Chem105		CSCI 251	(3)		Math261
Ch E 307	(2)			Chem105 (Min C)		SS/H/FA	(3)		
<b>Junior:</b>									
Chem 221	(3)			Chem106 (Min C)		ENGR 361	(1)		ENGR360
Chem 225	(1)			Chem221		EL E 314	(1)		Math 261, Phys212
BME 333	(3)			Ch E308, (Min C) Bisc160 (Min C)		M E 325	(3)		ENGR 309
EL E 331	(3)			ENGR360 (Min C-), Math 353		BME 444	(3)		BME 333, EL E 331
ENGR 309	(3)			Math263, Phys211		Track Elective	(3)		
EL E 313	(3)			Chem105, Math261, Phys212, Csci 251 (211)		Track Elective	(3)		
<b>Senior:</b>									
BME 461	(2)			BME333, 444		BME 462	(2)		BME461
ENGR 400	(1)					Track Elective	(3)		
SS/H/FA	(3)					EL E 413	(3)		Math353,CSCI 251 (or CSCI 111)
BME 301	(3)			TBD (Bio-Instrumentation)		ENGR 312	(3)		ENGR 309
BME 311	(3)			TBD (Biomechanics)		Econ 310	(3)		
BME 322	(3)			TBD (Biomaterials)		SS/H/FA	(3)		
<b>Must have at least 6 hrs of Social/Behavioral Science courses, and 9 hrs of Humanities and Fine Arts courses 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</b>									
Social/Behavioral Science			Humanities			Fine Arts			
<b>Engineering Electives - Any 300+ level engineering course, Track Electives – Any departmental (track) approved 300+ level elective course</b>									
An anchor means a course is only taught in a designated Fall/Spring semester. However, the class may be taught in Summer session(s).									
<b>TOTAL = 127 HOURS</b>									