Academic Year 2018-19 **Bachelor of Science in Electrical Engineering Concentration: Biomedical Applications EEEBUG**

Student Name and ID Number

Estimated Graduation Date

Major Req	uirements:	85 Credits
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
CH 1150	3	
CH 1151	1	
CS 1111	3	
EE 1110	1	
EE 1111	1	
EE 2111	3	
EE 2112	4	
EE 2174	4	
EE 3131	4	
EE 3140	3	
EE 3160	3	
EE 3171	4	
EE 3180	3	
EE 3250	3	
EE 3261	3	
EE 3901	2	
ENG 1101 or	2/4	
ENT 1001 and ENG 1100	3/4	
ENG 1102	3	
MA 1160 or MA 1161	4/5	
MA 2160	4	
MA 2321	2	
MA 3160	4	
MA 3521	2	
PH 1100	1	
PH 1200	1	
PH 2100	3	
PH 2200	3	
PH 2200 EE Electives - 6 credits Select any EE course not liste 4805, 4901, 4910		ot CS1000, EE3010, 400
Credit Subtot	al	

Major Requirements: 85 Credits			
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*	
Senior Design Path: 4 credits			
(May use MEEM 4901 and MEEM 4911)			
EE 4901	2		
EE 4910	2		
OR			
Enterprise Design Path: 6 cred	its		
Engineering Design: Select 6 cr	edits from t	he following:	
ENT3950, ENT3960, ENT4950 and ENT4960 OR			
ENT3960, ENT4950, ENT4960 and ENT module from following:			
ENT2961, ENT2962, ENT3959, ENT3963, ENT3966, ENT3967,			
ENT3971, ENT3982, ENT3983, ENT4951			
	1		
	1		
	2		
	2		
Credit Subtotal			

Concentration Requirements: 19 Credits		
BL 2010	3	
BL 2020	3	
BE 2400	3	
BE 3700	3	
BE 3701	1	
BE 2800 or BE 3300	3	
BEA Elective: choose one cours	se:	
BE2800, BE3300, BE3350, BE3800, BE4250, BE4610, BE4700, BE4755		
Credit Subtotal		

 $^{{}^*\}textbf{M}\text{-Passed with valid grade, transfer, or Advance Placement credit;}$ Registered in course; Plan to take in future, WVD-Waived course or credit (does not reduce total degree credits required), SUB-Petitioned as substitute course.

General Education Requirements: 24 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*

Courses used to complete General Education may not be used to complete other degree requirements.

Core: 12 Credits			
UN 1015	3		
UN 1025 or upper level modern language	3		
Critical and Creative Thinking	3		
Social Responsibility and Ethical Reasoning	3		
HASS: 12 Credits			
✓ Students must complete 12 credits of HASS course work			
✓ Six of the 12 credits must be at the 3000- or 4000- level*			
✓ At least three credits each in the following: Communication/Comp,			
Humanities and Fine Arts, and Social & Behavioral Sciences.			
✓ No more than three credits ma	y come from	the Restricted List	
Communication/	minimum		
Composition	3		
Humanities and Fine Arts	minimum 3		
Social and Behavioral Sciences	minimum 3		
Course from any list above or Restricted List	0-3		

^{*}an upper division language course in place of UN1025 does not meet this requirement.

Co-Curricular Activities: 3 Credits		
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.		

Free Electives: 0 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Credit Subtotal		

Advisor Use Only		
Total Credits Required	128	
Total Credits Completed		
Total Credits Needed		

Student Signature Date Departmental Approval Date