

Academic Year 2017-18 Bachelor of Science in Electrical Engineering Concentration: Biomedical Applications EEEBUG

Estimated Graduation Date Student Name and ID Number

Major Requirements: 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	
EE Electives - 6 credits		
Select any EE course not listed 4901, 4910	above <i>exce</i>	pt EE3010, 4000, 4805,
Credit Subtotal		

Major Requirements: 85 Credits			
Credits	Course Status Code M, R, P, WVD, SUB*		
Senior Design Path: 4 credits			
(May use MEEM 4901 and MEEM 4911)			
2			
2			
OR			
lits			
Engineering Design: Select 6 credits from the 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			
	Credits 1 4901 and 2 2 2 lits edits from tend ENT496 and ENT3963, EENT4951 1 1 2		

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			

 $^{{}^{\}textstyle *}\textbf{M}\text{-Passed with valid grade, transfer, or Advance Placement credit;}$ 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	

- ✓ Each course can satisfy only one requirement
- ✓ No more than three credits may come from the Restricted List
- ✓ Six credits of HASS must be at the 3000- or 4000- level (an upper level language course in place of UN1025 does not meet this requirement).

Humanities, Fine Arts/Social & Behavioral Sciences		
(HASS): 12 credits		
Communication/ Composition	3	
Humanities and Fine Arts	3	
Social and Behavioral Sciences	3	
Course from any list above or Restricted List	3	

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