

Fall, Junior Year						Spring, Junior Year					
Calc 2; Phys 2	BME 271: Intro BioElect BioPhotonics (or ESE271)	3			BME 301; BME313; BME481	pre- or co-req BME 212; C or higher in BME 271; BME 120	BME 301: Bioelectricity (Biophotonics)	3			BME 440
AMS 161 or MAT 132 or MAT 126 or MAT 142	AMS 310: Prob/Stat	3				Calc 3 & 4; Pre- or co-req BME 212; BME 260; BME 303; Pre- or co-req BIO 202 or 203	BME 305: Biofluids	3			BME 371; BME 440
BME 260, BME 212; Pre- or Co req BIO 202 or 203	BME 303: Biomechanics	3			BME 305; BME420		BME Tech Elective 3	3			
WRT 102; U3 or U4 standing; BME major; co-req any BME 300-400	BME 300: Tech Writing SBC WRTD	0					BME Tech Elective 4	3			
	BME Tech Elective 1 (design)**	3					SBC: HUM	3			
	BME Tech Elective 2 (design)	3									
	Total	15					Total	15			
Fall, Senior Year						Spring, Senior Year					
BME major; U4 standing; BME 301 and 305	BME 440: Senior Design 1	3				BME 440	BME 441: Senior Design 2	3			
	BME Tech Elective 5	3					BME Tech Elective 7	3			
	BME Tech Elective 6	3					BME Tech Elective 8	3			
	BME 501	3					BME 502	3			
	BME 520: Lab Rotation 1**	1					BME 521: Lab Rotation 2**	1			
	SBC: ARTS	3					SBC: USA	3			
	Total	15 or 16					Total	15 or 16			
Fall, 5th Year (Graduate Student)						Spring, 5th Year (Graduate Student)					
	BME 520: Lab Rotation 1***	1					BME 521: Lab Rotation 2***	1			
	BME 505: Principles and Practices of BME	2					BME 509: Fundamental of Biosciences Industry	3			
	BME Grad Tech Elective 1	3					BME Grad Tech Elective 4	3			
	BME Grad Tech Elective 2	3					BME Grad Tech Elective 5	3			
	BME Grad Tech Elective 3	3					BME Grad Tech Elective 6	3			
	BME 599: BME Research**	3					BME 599: BME Research**	3			
	Total	12 or 15					Total	13 or 15			

*Check Undergraduate Bulletin for Alternative Pre-requisites and Co-requisites and the most Up-to-Date Information

** Only if you will complete the MS degree with a thesis

*** Only if you will not complete the MS degree with a thesis

Required Technical Electives Ugrad (30 credits required) 30
 Required Ugrad Engineering (51 credits required) 51
 Total credits for undergraduate program 127
 Total credits for graduate program (without thesis) 31
 Total credits for graduate program (with thesis) 37

**3 BME TE required for U2, U3, U4; 2 must be design

**5 BME TE required for U1 and transfers as of Fall 2017; 2 must be design other TE may be engineering or non-engineering

 Undergraduate Coordinator DATE

 Director, Undergraduate Program DATE

 Director, Graduate Program DATE