

Biomedical Engineering

Year One - Eastern Oklahoma State College

FALL		SPRING	
MATH 2235, Calculus I	5	MATH 2245, Calculus II	5
PSY 1113 OR SOC 1113, Intro to Psych or to Sociology	3	Creative Arts - see choices below	3
ENGL 1113, Freshman Composition I	3	HIST 1483, American History to 1877	3
HIST 1493, American History Since 1877	3	POLSC 1113, American Federal Government	3
Total Hours		Total Hours	
14		14	

SUMMER	
Humanities	3
Total Hours	
3	

Creative Arts substitutes, meets one Humanities requirement
 HUMAN 1133 Music in Life
 HUMAN 1143 Art in Life
 HUMAN 1163 Film Appreciation
 HUMAN 2103 Theatre Appreciation

Year Two - UNT

FALL		SPRING	
BMEN 1300, Discover Biomedical Engineering	3	BMEN 1400, Software for BMEN	4
BMEN 2210, DAQ Practice	3	BMEN 2320, Biomedical Instrumentation	3
MATH 2700, Linear Algebra	3	CHEM 1410/1430, General Chemistry I & Lab	4
PHYS 1710/1730, Mechanics & Lab	4	MATH 2253 Differential Equations	3
PSCI 2306, State Government	3		
Total Hours		Total Hours	
16		14	

SUMMER	
CHEM 1420/1440, General Chemistry II & Lab	4
Total Hours	
4	

Year Three - UNT

FALL		SPRING	
BMEN 3310, Human Systems	3	BMEN 3312, Intro to Biomechanics	3
BMEN 3311, Signal Analysis	3	BMEN 3321, Biomaterials	3
BMEN 3350, Transport Phenomena	3	Elective Track Course	3
Elective Track Course	3	MATH 3680, Applied Statistics	3
MATH 2730, Multi. Calculus; or 3350, Num. Analysis	3	TECM 2700, Technical Writing	3
Total Hours		Total Hours	
15		15	

Year Four - UNT

FALL		SPRING	
BMEN 4212, Senior Design I	1	BMEN 4222, Senior Design II	3
BMEN 4310, Biomedical Modeling	3	BMEN 4*** Elective	3
BMEN 4*** Elective	3	BMEN 4*** Elective	3
Elective Track Course	3	Elective Track Course	3
Elective Track Course	3	Elective Track Course	3
Total Hours		Total Hours	
13		15	

Black = EOSC
 Green = UNT

Total Hours = 123