

BIOMEDICAL ENGINEERING
Sample Six-Year Schedule starting with Remedial Math

Year One

FALL		SPRING	
NCTM 351, Remedial Math	3	MATH 1100, Algebra	3
ENGL 1310 or TECM 1700, College Writing I or Intro. to Tech. Writing	3	TECM 2700 Tech. Writing	3
HIST 2610, American History I	3	HIST 2620, American History II	3
PSCI 2305, Federal Government/Political Science	3	PSCI 2306, State Government/Political Science	3
Total hours	12	Total hours	12

Destination Course

Math below Calculus

Year Two

FALL		SPRING	
MATH 1650, Pre-Calculus	5	MATH 1710, Calculus I	4
BMEN 1300, Discover BMEN	3	BMEN 1400, Software for Biomed	4
CHEM 1410 or CHEM 1415, Chemistry	3	BIOL 2301, Human Anatomy & Physiology	3
CHEM 1430 or CHEM 1435, Chemistry Lab	1	BIOL 2311, Human Anatomy & Physiology Lab	1
Total hours	12	Total hours	12

Year Three

FALL		SPRING	
MATH 1720, Calculus II	3	MATH 2730, Multi. Calculus	3
PHYS 1730, Mechanics	3	MATH 2700, Linear Algebra	3
PHYS 1730, Mechanics Lab	1	Language, Philosophy, & Culture	3
Creative Arts	3	Elective Track	3
Social Behavioral Science	3	Total hours	12
Total hours	13		

Year Four

FALL		SPRING	
MATH 3410, Differential Equations	3	MATH 3680, Statistics and Probability	3
BMEN 2210, DAQ Practices	3	BMEN 2320, Biomed. Instrumentation I	3
Elective Track	3	Elective Track	3
Elective Track	3	Elective Track	3
Total hours	12	Total hours	12

Year Five

FALL		SPRING	
BMEN 3310, Human Systems	3	BMEN 3312, Intro. Biomech.	3
BMEN 3311, Signal Analysis	3	BMEN 3321, Biomaterials	3
BMEN 3350, Transp. Phenom.	3	Total hours	6
Elective Track	3		
Total hours	12		

No extra classes to reach full-time status

Year Six

FALL		SPRING	
BMEN 4310, Modeling	3	BMEN 4222, Senior Design II	3
BMEN 4212, Senior Design I	1	BMEN Elective	3
BMEN Elective	3	Total hours	6
Total hours	7		

No extra classes to reach full-time status

No extra classes to reach full-time status