

## UNT Biomedical Engineering and TWU Mathematics - Dual Program

Contact TWU for listing of additional MATH courses required to earn Mathematics degree

### Year One

FALL		SPRING	
MATH 2014, Calculus I	4	MATH 2024, Calculus II	4
ENG 1013, Composition I	3	Creative Arts	3
HIST 1013, U.S. History I	3	HIST 1023, U.S. History II	3
CHEM 1113, General Chemistry I	3	ZOOL 2011, Anatomy and Physiology	3
CHEM 1111, General Chemistry I Lab	1	ZOOL 2013, Anatomy and Physiology Lab	1
Total hours	14	Total hours	14

### Year Two

FALL		SPRING	
MATH 3104, Calculus III	4	MATH 3063, Linear Algebra	3
PHYS 2153, General Physics I	3	Social Behavioral Science	3
PHYS 2151, General Physics I Lab	1	Language Philosophy Culture	3
BMEN 1300, Discover Biomedical Engr.	3	BMEN 1400, Software for Biomedical Engr.	4
BMEN 2210, Circuits and Data Acquisition	3	BMEN 2320, Instrumentation I	3
TECM 2700, Technical Writing	3	Total hours	16
Total hours	17		

### Year Three

FALL		SPRING	
MATH 3123, Differential Equations	4	MATH 4013, Probability and Statistics	3
GOV 2013, U.S. Government	3	GOV 2023, Texas Government	3
BMEN 3310, Human Systems	3	BMEN 3312	3
BMEN 3311, Signal Analysis	3	BMEN 3321	3
BMEN 3350	3	Elective Track	3
Total Hours	16	Total Hours	15

### Year Four

FALL		SPRING	
BMEN 4310	3	BMEN 4222	3
BMEN 4212	1	BMEN Elective	3
BMEN Elective	3	Elective Track	3
Track Elective	3	Elective Track	3
Track Elective	3	Elective Track	3
Total Hours	13	Total Hours	15

UNT Course

TWU Course