UNT Electrical 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
GOV 2013, U.S. Government	3	GOV 2023, Texas Government	3
CHEM 1113, General Chemistry I	3	PHYS 2153 or PHYS 1710, Physics I	3
CHEM 1111, General Chemistry I Lab	1	PHYS 2151 or PHYS 1730, Physics I Lab	1
Total hours	17	Total hours	17

Year Two

FALL		SPRING	
MATH 3104, Calculus III	4	MATH 3063, Linear Algebra	3
PHYS 2163 or PHYS 2220, Physics II	3	CSCI 1423, Programming Fundamentals	3
PHYS 2161 or PHYS 2240, Physics II Lab	1	EENG 2710, Logic Design	3
TECM 2700, Technical Writing	3	EENG 2711, Login Design Lab	1
EENG 1910, Learning to Learn	3	EENG 2620, Signals and Systems	3
EENG 2610, Circuit Analysis	3	EENG 2621, Signals and Systems Lab	1
EENG 2611, Circuit Analysis Lab	1	EENG 2920, Analog Circuit Design	3
Total hours	18	Total hours	17

Year Three

FALL		SPRING	
MATH 3123, Differential Equations	4	MATH 4013, Probability and Statistics	3
EENG 3410, Electromagnetics	3	EENG 3520, Electronics II	3
EENG 3411, Electromagnetics Lab	1	EENG 3710, Computer Organization	3
EENG 3510, Electronics I	3	EENG 3810, Communications System	3
EENG 3511, Electronics I Lab	1	EENG 3811, Communications System Lab	1
EENG 3910, DSP System Design	3	EENG 3920, Modern Comm. System	3
Total hours	15	Total hours	16

Year Four

FALL		SPRING	
Language Philosophy and Culture	3	EENG 4990, Senior Design II	3
Social and Behavioral Science	3	EENG Elective	3
EENG 4910, Senior Design I	3	EENG Elective	3
EENG Elective	3	MGMT 3850, Entrepreneurship	3
EENG Elective	3	OPSM 3830, Operations Mgmt.	3
Total hours	15	Total hours	15

UNT Course	TWU Course