

BACHELOR OF SCIENCE IN MATHEMATICS

Web Site: <https://twu.edu/mathematics/undergraduate-programs/>

Recommended Plan of Study for the B.S. in Mathematics

First Year			
Fall	TCCN	SCHs	
MATH 1313	Trigonometry	MATH 1316	3
CSCI 1203 or 2003	Computing Skills for a Digital World or Software Systems Design and Tools	COSC 1301	3
ENG 1013	Composition I	ENGL 1301	3
HIST 1013	History of the United States, 1492-1865	HIST 1301	3
Elective			3
UNIV 1231	Learning Frameworks: the First-Year Seminar	EDUC 1100, EDUC 1200, EDUC 1300	1
SCHs			16
Spring	TCCN		
MATH 1703	Elementary Statistics I	MATH 1342	3
ENG 1023	Composition II	ENGL 1302	3
HIST 1023	History of the United States, 1865 to the Present	HIST 1302	3
Creative Arts Core			3
SCHs			12
Second Year			
Fall	TCCN		
MATH 2014	Calculus I	MATH 2413	4
POLS 2013	U.S. National Government	GOVT 2305	3
Life/Physical Sciences Core			3
Language, Philosophy, and Culture Core			3
Social/Behavioral Science Core			3
SCHs			16
Spring	TCCN		
MATH 2024	Calculus II	MATH 2414	4
MATH 2053	Women and Minorities in Engineering, Mathematics, and Science		3
MATH 3073	Matrix Methods		3
POLS 2023	Texas Government	GOVT 2306	3
Life/Physical Sciences Core			3
SCHs			16
Third Year			
Fall	TCCN		
MATH 3053	Abstract Algebra		3
MATH 3104	Calculus III		4
Minor			3
Minor			3

MATH Elective (Major)		3
SCHs		16
Spring	TCCN	
MATH 3083	Elementary Number Theory	3
MATH 3123	Differential Equations	3
Minor		3
Elective		3
Elective		3
SCHs		15
Fourth Year		
Fall	TCCN	
MATH 3063	Linear Algebra	3
MATH 4013	Probability and Statistics	3
Minor		3
Minor (Upper Level)		3
MATH Elective		3
SCHs		15
Spring	TCCN	
MATH 4873	Real Analysis	3
CSCI 3013	Applied Computational Thinking	3
MATH Elective (Major)		3
Minor (Upper Level)		3
Elective		2
SCHs		14
Total SCHs:		120