

ACCELERATED BACHELOR OF SCIENCE IN MATHEMATICS / MASTER OF SCIENCE IN MATHEMATICS

Web Site: <https://twu.edu/mathematics/accelerated-bachelor-to-masters-in-mathematics/>

Recommended Plan of Study

First Year			
Fall			
MATH 1313	Trigonometry	TCCN MATH 1316	SCHs 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
UNIV 1231	Learning Frameworks: The First Year Experience	EDUC 1100, EDUC 1200, EDUC 1300	1
Elective			3
SCHs			16
Spring			
MATH 1703	Elementary Statistics I	TCCN 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
Elective			3
SCHs			15
Second Year			
Fall			
MATH 2014	Calculus I	TCCN 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			
MATH 2024	Calculus II	TCCN MATH 2414	4
MATH 2053	Women and Minorities in Engineering, Mathematics, and Science		3
CSCI 3013	Applied Computational Thinking		3
POLS 2023	Texas Government	GOVT 2306	3
Life/Physical Sciences Core			3
SCHs			16
Third Year			
Fall			
MATH 3053	Abstract Algebra	TCCN	3

MATH 3104	Calculus III		4
Minor			3
Minor			3
MATH Elective (Major)			3
SCHs			16
Spring			
TCCN			
MATH 3013	Discrete Mathematics		3
MATH 3083	Elementary Number Theory		3
MATH 3123	Differential Equations		3
Minor			3
Elective			3
SCHs			15
Fourth Year			
Fall			
TCCN			
MATH 3063	Linear Algebra		3
MATH 5483	Theory of Probability and Statistics I		3
Minor			3
Minor (Upper Level)			3
MATH Elective (Major)			3
SCHs			15
Spring			
TCCN			
MATH 5873	Real Analysis and Topology		3
MATH 5513	Matrix Algebra		3
MATH Elective (Major)			3
Minor (Upper Level)			3
Elective			3
SCHs			15
Total SCHs:			124