

# ACCELERATED B.A. IN MATHEMATICS (7-12 MATHEMATICS CERTIFICATION) / M.S. IN MATHEMATICS TEACHING

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

## Recommended Plan of Study

First Year			
Fall		TCCN	SCHs
MATH 1313	Trigonometry	MATH 1316	3
MATH 1703	Elementary Statistics I	MATH 1342	3
ENG 1013	Composition I	ENGL 1301	3
HIST 1013	History of the United States, 1492-1865	HIST 1301	3
POLS 2013	U.S. National Government	GOVT 2305	3
UNIV 1231	Learning Frameworks: The First Year Experience	EDUC 1100, EDUC 1200, EDUC 1300	1
<b>SCHs</b>			<b>16</b>
Spring		TCCN	
ENG 1023	Composition II	ENGL 1302	3
HIST 1023	History of the United States, 1865 to the Present	HIST 1302	3
POLS 2023	Texas Government	GOVT 2306	3
SPAN 1013 or EDBE 3053	Elementary Spanish I or Theories of Second Language Acquisition for ESL and Bilingual Teachers	SPAN 1411	3
Life/Physical Science Core			3
<b>SCHs</b>			<b>15</b>
Second Year			
Fall		TCCN	
MATH 2014	Calculus I	MATH 2413	4
SPAN 1023 or EDBE 3453	Elementary Spanish II or Teaching English As a Second Language	SPAN 1412	3
CSCI 3013	Applied Computational Thinking		3
Creative Arts Core			3
Life/Physical Science Core			3
Elective			2
<b>SCHs</b>			<b>18</b>
Spring		TCCN	
MATH 2024	Calculus II	MATH 2414	4
MATH 2053	Women and Minorities in Engineering, Mathematics, and Science		3
EDSP 3203	Learners with Exceptionalities		3

READ 3013	Literacy and Learning across the Curriculum		3
Language, Philosophy, & Culture Core			3
<b>SCHs</b>			<b>16</b>
Third Year			
Fall		TCCN	
MATH 3104	Calculus III		4
MATH 4303	Algebra in the Mathematics Classroom		3
CSCI 3002	Advanced Computing Technology		2
EDUC 2003	Schools and Society	EDUC 1301	3
Social/Behavioral Science Core			3
<b>SCHs</b>			<b>15</b>
Spring		TCCN	
MATH 3083	Elementary Number Theory		3
MATH 4003	Mathematical Concepts in the Educational Setting		3
MATH 5203	Problem Solving in the Math Classroom		3
MATH 5513	Matrix Algebra		3
EDUC 3003	Learning Theory and Development		3
EDUC 3482	Teaching Diverse Learners Through Technology Integration		2
<b>SCHs</b>			<b>17</b>
Fourth Year			
Fall		TCCN	
MATH 3053	Abstract Algebra		3
MATH 4013	Probability and Statistics		3
MATH 5313	Geometry in the Mathematics Classroom		3
MATH 5323	Euclidean Geometry		3
EDUC 4113	Design and Implementation of Instruction and Assessment		3
EDUC 4243	Classroom Environment and Management		3
<b>SCHs</b>			<b>18</b>
Spring		TCCN	
EDUC 4946	Clinical Student Teaching		6
<b>SCHs</b>			<b>6</b>
<b>Total SCHs:</b>			<b>121</b>