

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

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

## Degree Requirements

Total Semester Credit Hours (SCH): 120

Major: 42 SCH Required Minor: 18 SCH

Program Code: CIP Code: 27.0101.00

## Courses Required for Major

Code	Title	SCHs
<b>Required Mathematics Courses</b>		
MATH 2014	Calculus I	4
MATH 2024	Calculus II	4
MATH 3013	Discrete Mathematics	3
MATH 3053	Abstract Algebra	3
MATH 3104	Calculus III	4
MATH 3123	Differential Equations	3
MATH 5513	Matrix Algebra	3
MATH 5523	Introduction to Number Theory	3
MATH 5483	Theory of Probability and Statistics I	3
MATH 5873	Real Analysis and Topology	3
<b>Mathematics Electives</b>		
Select 9 additional semester credit hours in mathematics.		9
MATH 1013, MATH 1023, MATH 1303, and MATH 1313 may not be counted toward the major		
<b>Total SCHs</b>		<b>42</b>

## Departmental Requirements ("C" or higher required)

Code	Title	SCHs
CSCI 2003	Software Systems Design and Tools	3
or CSCI 1203	Computing Skills for a Digital World	
CSCI 3013	Applied Computational Thinking	3
Minor (select courses with advisor)		18
Electives		12

## Specializations

Descriptions of specialized programs for mathematics students interested in engineering studies, computational math, statistics, or teacher certification can be found on our website.