

# ACCELERATED B.S. IN MATHEMATICS (4-8 MATHEMATICS CERTIFICATION) / M.S. IN MATHEMATICS

MATH 5323	Euclidean Geometry	3
<b>Total SCHs</b>		<b>45</b>

## Departmental Requirements

Code	Title	SCHs
CSCI 3013	Applied Computational Thinking	3
<b>Total SCHs</b>		<b>3</b>

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

## Degree Requirements

Total Semester Credit Hours (SCH): 120

Major: 45 SCH Required Minor: 29 SCH

Program Code: MATH.BS.4-8EDUC CIP Code: 27.0101.00

## Texas Core Curriculum

Code	Title	SCHs
ENG 1013	Composition I	3
ENG 1023	Composition II	3
Mathematics		3
Life & Physical Sciences		6
Language, Philosophy, & Culture		3
Creative Arts		3
HIST 1013	History of the United States, 1492-1865	3
HIST 1023	History of the United States, 1865 to the Present	3
POLS 2013	U.S. National Government	3
POLS 2023	Texas Government	3
Social & Behavioral Sciences		3
CAO: Women's Studies		3
CAO: First Year Seminar, Wellness or Mathematics		3
<b>Total SCHs</b>		<b>42</b>

## Courses Required for Major

Code	Title	SCHs
<b>Required Mathematics Courses</b>		
MATH 1523	Mathematics Concepts I	3
MATH 1533	Mathematics Concepts II	3
MATH 2014	Calculus I	4
MATH 2024	Calculus II	4
MATH 3104	Calculus III	4
MATH 3013	Discrete Mathematics	3
MATH 3053	Abstract Algebra	3
MATH 4003	Mathematical Concepts in the Educational Setting	3
MATH 5513	Matrix Algebra	3
MATH 5483	Theory of Probability and Statistics I	3
MATH 4203	Problem Solving in the Secondary STEM Classroom	3
MATH 4303	Secondary Mathematics in the Classroom	3
MATH 5523	Introduction to Number Theory	3