

# DIVISION OF MATHEMATICS

**Web Site:** <https://twu.edu/mathematics/>

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The Division of Mathematics offers programs leading to the degrees of Bachelor of Arts, Bachelor of Science, and Master of Science in Mathematics.

The baccalaureate program is intended to prepare the student for further work in mathematics at the graduate level, for teaching at the middle and high school levels, for employment as a mathematician or statistician, or for employment in a mathematics-related area in industry or government.

## Undergraduate Degrees Offered

- Minors (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/minors/>)
- B.S. in Mathematics (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/mathematics-bs/>)
- Accelerated B.S. in Mathematics / M.S. in Mathematics (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/accelerated-matheamatics-bs-ms/>)
- B.A. in Mathematics (4-8 Mathematics Certification) (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/math-4-8-certification-ba/>)
- Accelerated B.A. in Mathematics (4-8 Mathematics Certification) / M.S. in Mathematics (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/accelerated-mathematics-ba-4-8-mathematics-ms/>)
- B.S. in Mathematics (4-8 Mathematics Certification) (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/math-4-8-certification/>)
- Accelerated B.S. in Mathematics (4-8 Mathematics Certification) / M.S. in Mathematics (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/accelerated-mathematics-bs-4-8-mathematics-ms/>)
- B.A. in Mathematics (7-12 Mathematics Certification) (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/mathematics-ba-7-12-mathematics-certification/>)
- Accelerated B.A. in Mathematics (7-12 Mathematics Certification) / M.S. in Mathematics (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/accelerated-mathematics-ba-7-12-mathematics-certification-mathematics-ms/>)
- B.S. in Mathematics (7-12 Mathematics Certification) (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/mathematics-bs-7-12-mathematics-certification/>)
- Accelerated B.S. in Mathematics (7-12 Mathematics Certification) / M.S. in Mathematics (<https://catalog.twu.edu/undergraduate/arts-sciences/mathematics/accelerated-mathematics-7-12-certification-bs2-mathematics-teaching-ms/>)

## Special Requirements

A Mathematics major requires a minor of at least 18 semester credit hours, of which a minimum of 6 semester credit hours must be upper-division. Students may choose a minor from any offered at the university.

For students seeking teacher certification, the required education courses will be taken in lieu of a minor.

Only courses in which a grade of C or higher is received may be counted as part of a Mathematics major or minor.

## Teacher Certification

The department offers teacher certification in Mathematics at both the 4-8 and 7-12 levels. Students should contact the Lead of Mathematics for details or check the department web pages for more information.

## Engineering – A Special Opportunity for TWU Students

In collaboration with the University of North Texas (UNT), TWU provides a dual-degree option enabling students to attend the two universities simultaneously and graduate with a B.S. in Mathematics degree from TWU and a B.S. in Engineering degree (Electrical, Mechanical and Energy, Biomedical, or Materials Science) from UNT. Scholarships are available for qualified applicants.

For information about these engineering options, contact the department or visit our website (<https://twu.edu/mathematics/>).