Duluth Campus

Mathematics Minor

Mathematics & Statistics

Swenson College of Science and Engineering

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2023
- Required credits in this minor: 23

The minor in mathematics is based on the completion of the traditional core of calculus, differential equations, and elementary linear algebra commonly required of undergraduate physical science, engineering, and mathematics degrees. Additional, more advanced, elective classes are required, as well. The minor in mathematics certifies a student's quantitative, problem-solving, and critical thinking skills.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

1. The Mathematics minor is not allowed with a Statistics major.

2. Students may not receive both a minor in Mathematics and a minor in Statistics.

Core Courses (14 cr)

Calculus I

MATH 1290 - Calculus for the Natural Sciences [LE CAT2, LOGIC & QR] (5.0 cr)
or MATH 1296 - Calculus I [LE CAT, LOGIC & QR] (5.0 cr)

Calculus II

MATH 1297 - Calculus II [LOGIC & QR] (5.0 cr)

Core Course

MATH 3280 - Differential Equations with Linear Algebra (4.0 cr)

Electives (9 cr)

Each course must be a minimum of 3 credits. MATH 3326 is not allowed in electives. STAT 3411 and STAT 3611 may be taken but only one can count.

Take 3 or more course(s) totaling 9 or more credit(s) from the following:

- MATH 3xxx
- MATH 4xxx
- MATH 5xxx
- STAT 3xxx
- STAT 4xxx
- STAT 5xxx

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