Duluth Campus
Mathematics Minor
Swenson College of Science and Engineering

• Program Type: Undergraduate minor related to major
• Requirements for this program are current for Fall 2013
• 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
Core Courses (14 cr)
  Calculus I
    MATH 1296 - Calculus I [LE CAT2, LOGIC & QR] (5.0 cr)
    or MATH 1596 - Honors: Calculus I [LE CAT2, LOGIC & QR] (5.0 cr)
  Calculus II
    MATH 1297 - Calculus II [LOGIC & QR] (5.0 cr)
    or MATH 1597 - Honors: 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. Only one of STAT 3411 and STAT 3611 may count toward the math minor.
Take 3 or more course(s) totaling 9 or more credit(s) from the following:
• MATH 3xxx
• MATH 4xxx
• STAT 3xxx
• STAT 4xxx