

Duluth Campus

Applied and Computational Mathematics Minor

Mathematics & Statistics

Swenson College of Science and Engineering

Link to a [list of faculty](#) for this program.

Contact Information:

Department of Mathematics and Statistics, 140 Solon Campus Center, 1117 University Drive, Duluth, MN 55812 (218-726-8747; fax: 218-726-8399)

Email: math.dgs@d.umn.edu

Website: <http://www.d.umn.edu/math/index>

- Program Type: Graduate minor related to major
- Requirements for this program are current for Spring 2018
- Length of program in credits (Masters): 6
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

This program is for those wishing to pursue careers in other fields that use applied and computational mathematics and statistics.

Program Delivery

This program is available:

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

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

Enrollment in any MS or MA program at UMD and sufficiently strong background in mathematics and/or statistics.

Other requirements to be completed before admission:

Other requirements include the following:

- Scores from the General Test of the Graduate Record Examination, which must be mailed to the Department of Mathematics and Statistics directly
- Letters of recommendation from three people who are familiar with the applicant's educational/professional background (Request forms for these letters are part of the online application.)
- Statement on career objectives and motivation (also a part of the online application)

Students applying for financial aid should have all application materials submitted by February 15; late applications will be considered if resources are available. Applicants seeking to enroll during the fall semester must submit all materials by July 15. For initial enrollment in the spring semester, the deadline is November 1. Students can be admitted any term. Students whose native language is not English must submit TOEFL scores.

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses toward program requirements is permitted under certain conditions with adviser approval.

A minor for the master's degree requires 6 credits in approved MATH or STAT courses.

Required Coursework (6 cr)

Take 6 or more credit(s) from the following:

- MATH 5xxx
- MATH 8xxx
- STAT 5xxx
- STAT 8xxx