

### **Duluth Campus**

## **Geological Sciences Minor**

*D Earth & Environmental Sci*

**Swenson College of Science and Engineering**

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

- **Students will no longer be accepted into this program after Fall 2021. Program requirements below are for current students only.**
- **Students interested in Geological Sciences Minor see Earth Sciences Minor.**

### **Contact Information:**

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- Program Type: Graduate minor related to major
- Requirements for this program are current for Spring 2022
- 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.

The geological sciences graduate program includes areas of economic geology, geophysics, glacial geology and geomorphology, hydrogeology, igneous and metamorphic petrology, isotope and aqueous geochemistry, limnogeology, paleoclimatology, planetary geology, sedimentology and stratigraphy, surface processes, and structure-tectonics. Several of these areas are strengthened by collaboration with the Large Lakes Observatory, the Natural Resources Research Institute, and the Precambrian Research Center.

## **Program Delivery**

This program is available:

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

## **Prerequisites for Admission**

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 towards program requirements is not permitted.

A master's minor requires at least 6 credits. Coursework is chosen in consultation with the student's adviser and the director of graduate studies in geological sciences.

### **Required Coursework (6 cr)**

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

- GEOL 5xxx
- GEOL 8xxx