

# GEOLOGICAL ENGINEERING, M.S.

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

### MAJOR REQUIREMENTS

#### MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

#### Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

**Evening/Weekend:** Courses meet on the UW-Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW-Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

### CURRICULAR REQUIREMENTS

#### Requirement Detail

Minimum Credit Requirement 30 credits

Minimum Residence Credit Requirement 16 credits

Minimum Graduate Coursework Requirement Thesis Pathway: 16 credits must be graduate-level coursework.  
Independent Study Pathway: 21 credits must be graduate-level coursework.  
Details can be found in the Graduate School's Minimum Graduate Coursework (50%) policy (<https://policy.wisc.edu/library/UW-1244> (<https://policy.wisc.edu/library/UW-1244/>)).

Overall 3.00 GPA required.  
Graduate GPA Requirement This program follows the Graduate School's GPA Requirement policy (<https://policy.wisc.edu/library/UW-1203> (<https://policy.wisc.edu/library/UW-1203/>)).

Other Grade Requirements n/a

Assessments and Examinations Thesis Option: A faculty committee will conduct a final examination on the thesis research. Independent Study Option: A written report must be prepared based on the independent study project.

Language Requirements None.

### REQUIRED COURSES

All graduate students (including PhD dissertation students) must register for G L E 900 Seminar once per academic year. M.S. degree candidates may choose from two options for their program of study:

#### Thesis Pathway<sup>1</sup>

This option requires at least 16 credits of graduate-level coursework (numbered 300 and higher) and at least 6 credits of G L E 790 Master's Research or Thesis.

#### Independent Study Pathway<sup>1</sup>

This option requires at least 21 credits of graduate-level coursework (numbered 300 and higher) and 3 credits of G L E 999 Independent Work. A written report must be prepared based on the independent study project.

<sup>1</sup>

These pathways are internal to the program and represent different curricular paths a student can follow to earn this degree. Pathway names do not appear in the Graduate School admissions application, and they will not appear on the transcript.