

# GEOLOGICAL ENGINEERING, MS

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirements>) and policies (<https://guide.wisc.edu/graduate/#policies>), 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.

Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <https://policy.wisc.edu/library/UW-1244> (<https://policy.wisc.edu/library/UW-1244/>).

Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <a href="https://policy.wisc.edu/library/UW-1203">https://policy.wisc.edu/library/UW-1203</a> ( <a href="https://policy.wisc.edu/library/UW-1203/">https://policy.wisc.edu/library/UW-1203/</a> ).
Other Grade Requirements	n/a
Assessments and Examinations	Thesis pathway: A faculty committee will conduct a final examination on the thesis research.  Independent Study pathway: A written report must be prepared based on the independent study project.
Language Requirements	None.

### REQUIRED COURSES

MS degree candidates may choose from two options for their program of study:

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

Code	Title	Credits
<b>Graduate-Level Coursework</b>		
In consultation with advisor, students must complete at least 16 credits of graduate-level coursework (numbered 300 and higher).		16
<b>Seminar</b>		
All graduate students (including PhD dissertation students) must register for seminar once per academic year.		2
G L E 900	Seminar	
<b>Research or Thesis</b>		
Complete 6 credits		6
G L E 790	Master's Research or Thesis	
<b>Additional Coursework</b>		
In consultation with advisor, complete coursework to reach the minimum of 30 credit requirement.		6
<b>Total Credits</b>		<b>30</b>

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

Code	Title	Credits
<b>Graduate-Level Coursework</b>		
In consultation with advisor, students must complete at least 21 credits of graduate-level coursework (numbered 300 and higher).		21
<b>Seminar</b>		

All graduate students (including PhD dissertation students) must register for seminar once per academic year.		2
G L E 900	Seminar	
<b>Independent Work</b>		
A written report must be prepared based on the independent study project.		3
G L E 999	Independent Work	
<b>Additional Coursework</b>		
In consultation with advisor, complete coursework to reach the minimum of 30 credit requirement.		4
<b>Total Credits</b>		<b>30</b>

<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.