

# GEOLOGICAL ENGINEERING, PH.D.

## 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 51 credits

Minimum Residence Credit Requirement 32 credits

Minimum Graduate Coursework Requirement 26 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>).

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

Other Grade Requirements n/a

Assessments and Examinations Doctoral students are required to complete a qualifying exam to demonstrate a sufficient depth and breadth of knowledge in their major to pursue original research, usually after the first year of study. Students must consult with their advisor and/or the exam coordinator in the major area of study for the schedule and specific procedures.

Doctoral students are required to take a comprehensive preliminary/oral examination after they have cleared their record of all Incomplete and Progress grades (other than research and thesis). In order to qualify for the preliminary examination, students must have completed 32 credits in residence and their Ph.D minor/certificate.

Deposit of the doctoral dissertation in the Graduate School is required.

Language Requirements No language requirements.

Graduate School Breadth Requirement Doctoral students must complete a doctoral minor or graduate/professional certificate. Students will discuss minor (Option A, External or Option B, Distributed) and certificate (Option C) options with the faculty advisor. Courses must be approved before, or by the time, the student has completed 6 of the total credits for the minor or certificate.

### REQUIRED COURSES

The academic program for each doctoral student is planned on an individual basis with their advisor.

Basic requirements for a Ph.D. degree in geological engineering include: (1) Ph.D. major coursework; (2) qualifying examination; (3) Ph.D. minor/breadth coursework; (4) preliminary examination; (5) dissertation research; and (6) final oral examination (dissertation defense).

The Graduate School minimum Ph.D. credit requirement is 51 credits. 32 credits and the breadth requirement must be completed prior to achieving dissertator status (for students who have earned an M.S. degree, credits accumulated for the M.S. can be applied toward this requirement). All graduate students (including PhD dissertation students) must register for G L E 900 Seminar once per academic year.