



Geological Engineering: Master’s Degree (M.S.) Advanced Independent Study Requirements & Graduate Curriculum Form

Minimum Degree Requirements and Satisfactory Progress: [GEOLOGICAL ENGINEERING, M.S.](#)

Geological Engineering appeals to students with a wide variety of backgrounds and with different areas of intended emphasis; there are no specific courses that are uniformly required for graduate degrees in Geological Engineering. The student and their Mentor Committee collaboratively develop a curriculum in the student’s area of interest. **The student’s faculty advisor along with two other GLE faculty members comprise the Mentor Committee.** Faculty are individuals with appointments as Assistant Professor, Associate Professor or Professor. The Mentor Committee must approve the curriculum during the first year of study, and preferably during the first semester.

Advanced Independent Study Option requires a **minimum of 30 credits** of graduate work, A minimum of 21 credits graduate-level coursework (300 level and higher); Some 300-level courses may require special faculty approval; a minimum of one-credit seminar course per year (Discuss seminar options with faculty advisor); a minimum of 3 credits of GLE 999 Advanced Independent Study. A required written report based on the student’s advanced independent study project does not have to meet UW-Madison Graduate School requirements for a thesis, but has to show independent thinking by the student. A faculty committee will review and approve the final report. A final examination is not required but may be requested by the faculty committee.

50% Graduate Coursework Requirement: (15 out of 30 credits) At least 50% of credits applied toward the graduate degree credit requirement must be completed in graduate-level coursework; courses with the **Graduate Level Coursework attribute “Grad 50% - Counts toward 50% graduate coursework requirement”** are identified and searchable in the university’s [GUIDE](#). Courses numbered 700 and above are automatically counted toward graduate level minimum requirements.

Students must achieve a 3.0 grade point average or higher in all graduate work. Credit for courses in which the students earned less than a B cannot be counted toward the graduate degree without approval of the student’s Course Selection Committee.

Student Name

Campus ID#

Student E-mail

Research Area

Faculty advisor name

Graduation Term (if known)

Tentative Course Plan ___ **OR** **Final approved course plan** ___ **Enter current cumulative GPA** _____

1. If the initial course plan is modified at a later date, then please submit a new course approval form signed by Faculty Advisor/Committee at the time of degree warrant request in the final term.
2. If this is a final approved course plan then please attach a separate page with a brief description of your thesis or project topic.

Student Name _____

UW ID# _____

Geological Engineering: Master's Degree (M.S.) Advanced Independent Study
Course List, include seminars (minimum 21 credits)

Do not include: pass/fail; audit nor English as a Second Language courses

Term	Dept. & Course #	Course Title	Grade	Credit #	50% graduate Coursework requirement: (y/n) Reference the GUIDE (minimum 15 credits, may include below research / ind. study credits)
Total credits					

Independent Study GLE 999 (minimum 3 credits)

Term	Dept. & Course #	Course Title	Grade	Credit#	50% Graduate Coursework
					y
					y
					y
					y
Total Credits					

 Faculty Advisor Name (Print/Type)

 Signature

 Date

 Faculty Member (Print/Type)

 Signature

 Date

 Faculty Member (Print/Type)

 Signature

 Date