

# GEOLOGICAL ENGINEERING, DOCTORAL MINOR

Students from departments outside of the Geological Engineering (GLE) Program in the Department of Civil and Environmental Engineering can receive a PhD minor in geological engineering.

The requirements for an external minor in Geological Engineering can be viewed on the Requirements tab (p. ). The minor must be approved by geological engineering faculty in the Department of Civil and Environmental Engineering. To learn more or receive a copy of the minor approval form, please contact the program admissions team.

## ADMISSIONS

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Students interested in the doctoral minor should first contact the department Graduate Coordinator to learn the requirements, process, and complete the required paperwork.

All Graduate School students must utilize the Graduate Student Portal in MyUW to add, change, or discontinue any doctoral minor. To apply to this minor, log in to MyUW, click on Graduate Student Portal, and then click on Add/Change Programs. Select the information for the doctoral minor for which you are applying.

## REQUIREMENTS

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Students must complete the following requirements to earn a doctoral minor:

1. Complete at least 9 credits in courses numbered 300 or above in Geological Engineering (GLE ([http://guide.wisc.edu/courses/g\\_le/](http://guide.wisc.edu/courses/g_le/))).
  - a. Independent study and research courses may not satisfy requirements.
2. One of the courses must be numbered 600 or above in Geological Engineering (GLE ([http://guide.wisc.edu/courses/g\\_le/](http://guide.wisc.edu/courses/g_le/))).
3. Only one of the courses may be cross listed in the student's major department and cannot be used to satisfy the student's major requirements.

No examinations are required other than those given in each course.

## PEOPLE

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#### CIVIL AND ENVIRONMENTAL ENGINEERING

Professors Harrington (chair), Ahn, Hanna, Hurley, Li, Likos, Loheide, McMahon, Noguera, Noyce, Park, Parra-Montesinos, Ran, Remucal, Russell, Schauer, Wu; Associate Professors Block, Fratta, Ginder-Vogel, Hicks, Pincheira, Prabhakar, Sone, Tinjum, Wright; Assistant

Professors Blum, Chen, Hampton, Pujara, Qin, Wang, Wei, Zhu; M.Eng Program Director Carlson. See also CEE faculty (<http://directory.engr.wisc.edu/cee/faculty/>).

### GEOLOGICAL ENGINEERING

Professors Tinjum (Director) (Civil and Environmental Engineering), Feigl (Geoscience), Goodwin (Geoscience), Hard (Wisconsin Geological and Natural History Survey), Likos (Civil and Environmental Engineering), Loheide (Civil and Environmental Engineering), Tikoff (Geoscience), Wu (Civil and Environmental Engineering); Associate Professors Cardiff (Geoscience), Ferrier (Geoscience), Fratta (Civil and Environmental Engineering), Ginder-Vogel (Civil and Environmental Engineering), Hicks (Civil and Environmental Engineering), Sone (Civil and Environmental Engineering), Zoet (Geoscience); Assistant Professors Hampton (Civil and Environmental Engineering), Golos (Geoscience), Zahasky (Geoscience). See also GLE faculty (<https://engineering.wisc.edu/departments/civil-environmental-engineering/research/geological-engineering/>).

### ENVIRONMENTAL CHEMISTRY AND TECHNOLOGY

Professors Hurley (Civil and Environmental Engineering), Bertram (Chemistry), Bleam (Soil Science), Harrington (Civil and Environmental Engineering), Karthikeyan (Biological Systems Engineering), McMahon (Civil and Environmental Engineering/Bacteriology), Roden (Geoscience), Root (Chemical and Biological Engineering), Schauer (Civil and Environmental Engineering), Thompson (Biological Systems Engineering); Associate Professors Ginder-Vogel (director; Civil and Environmental Engineering), Remucal (Civil and Environmental Engineering), Whitman (Soil Science); Assistant Professors Anantharaman (Bacteriology), Majumder (Bacteriology), Qin (Civil and Environmental Engineering), Wei (Civil and Environmental Engineering). See also ECT Faculty (<https://engineering.wisc.edu/departments/civil-environmental-engineering/research/environmental-chemistry-technology/>).