Students from departments outside of Civil and Environmental Engineering can receive a doctoral minor in civil and environmental engineering. The minor must be approved by the Department of Civil and Environmental Engineering. The minor approval form is available at the department office. The completed form must be returned to the department office for review and approval.

**REQUIREMENTS**

1. A minimum of 9 formal course credits (not independent study or research credits) taken in Civil and Environmental Engineering (http://guide.wisc.edu/courses/civ_engr/).

2. Courses must be numbered 300 or above in Civil and Environmental Engineering.

3. Two of the courses must be numbered 500 or above in Civil and Environmental Engineering.

4. 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.

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

**PEOPLE**

**Civil and Environmental Engineering Faculty:** Professors Likos (chair), Ahn, Bahia, Hanna, Harrington, Hurley, Loheide, McMahon, Noguera, Noyce, Park, Parra-Montesinos, Ran, Russell, Schauer, Wu; Associate Professors Block, Fratta, Ginder-Vogel, Hicks, Pincheira, Remucal, Tinjum; Assistant Professors Blum, Hampton, Prabhakar, Pujara, Qin, Sone, Wang, Wei, Wright, Zhu; M.Eng Program Director Carlson. See also CEE faculty (http://directory. engr.wisc.edu/cee/faculty/).

**Geological Engineering Faculty:** Professors Tinjum (director) (Civil and Environmental Engineering), Feigl (Geoscience), Goodwin (Geoscience), Holloway (Nelson Institute), Likos (Civil and Environmental Engineering), Loheide (Civil and Environmental Engineering), Thurber (Geoscience), Tikoff (Geoscience), Wu (Civil and Environmental Engineering); Associate Professors Cardiff (Geoscience), Fratta (Civil and Environmental Engineering), Ginder-Vogel (Civil and Environmental Engineering); Assistant Professors Hampton (Civil and Environmental Engineering), Hicks (Civil and Environmental Engineering), Sone (Civil and Environmental Engineering), Zoet (Geoscience); Professor of Practice Pakes (Grainger). See also GLE faculty (https://engineering.wisc.edu/departments/civil-environmental-engineering/research/geological-engineering/).

**Environmental Chemistry and Technology:** Professors Hurley (director) (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 (Civil and Environmental Engineering), Remucal (Civil and Environmental Engineering), Assistant Professors Anantharaman (Bacteriology), Majumder (Bacteriology), Qin (Civil and Environmental Engineering), Wei (Civil and Environmental Engineering), Whitman (Soil Science). See also ECT Faculty (https://engineering.wisc.edu/departments/civil-environmental-engineering/research/environmental-chemistry-technology/).