

CIVIL ENGINEERING MINOR

The civil engineering minor is intended to give students an in-depth introduction to one or more areas of civil engineering. Departmental expertise and undergraduate course offerings are available in the areas of Architectural Design, Construction Engineering and Management, and Structural/Geotechnical Engineering. (Students interested in Environmental and Water Studies should refer to the Environmental Engineering minor.) The minimum prerequisite for a civil engineering minor is MATH 42 (or MATH 21); however many courses of interest require PHYSICS 41 and/or MATH 51 as prerequisites. Students should recognize that a minor in civil engineering is not an ABET-accredited degree program.

Since civil engineering is a very broad field, and undergraduates having widely varying backgrounds may be interested in obtaining a civil engineering minor, no single set of course requirements will be appropriate for all students. Instead, interested students are encouraged to propose their own set of courses within the guidelines listed on the following page; the undergraduate minor advisor must officially approve this list for the Civil and Environmental Engineering Department. Additional information on preparing a minor program, including sample programs focusing on each of the three areas of expertise listed above, is available at http://cee.stanford.edu/undergrad_CE.html#minor.

General guidelines and procedures for the minor in Civil Engineering:

- A civil engineering minor must contain at least 24 units of coursework not taken for the major, and must conform to the School of Engineering minor requirements published in the *Stanford Bulletin* or this Handbook.
- Complete a **Major-Minor & Multiple-Major Course Approval Form**. The form is available online at http://registrar.stanford.edu/pdf/MajMin_MultMaj.pdf, or, in the department's student services office (Terman M42).
- Professor Kiremidjian (kiremidjian@stanford.edu) is the CEE undergraduate minor adviser in Structural Engineering and Construction. Prof. Lynn Hildemann (hildemann@stanford.edu) is the CEE minor adviser I Environmental Engineering and Water Studies. Patti Walters (pwalters@stanford.edu), Program Director for Architectural Design, is the CEE undergraduate minor adviser in architectural design. Students must consult one of these advisers in developing their minor program, and obtain approval of the finalized study list using the Major-Minor & Multiple-Major Course Approval form.
- Follow the instructions attached to the form. For the minor in civil engineering, a completed and signed copy of the form must be filed with the department's office of student services (Terman M42) prior to applying for the minor online
- Apply for the CE minor on Axiom. The student services administrator for undergraduate study in CE will then check the Major-Minor & Multiple-Major Course Approval Form to accept the declaration. **Minors must be officially declared and all courses completed (or in progress) no later than the deadline for a student's application to graduate.**