

## 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, there is no single set of course requirements. 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/prospective/ug/minor\\_overview.html](http://cee.stanford.edu/prospective/ug/minor_overview.html).

## General guidelines and procedures:

- 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/shared/forms.htm#Undergrads>, OR, in the CEE department's student services office.
- Consult and obtain study list approval from the appropriate advisor, using the Major-Minor & Multiple-Major Course Approval form: Professor Kiremidjian ([kiremidjian@stanford.edu](mailto:kiremidjian@stanford.edu)) is the CEE undergraduate minor adviser in Structural Engineering and Construction. John Barton ([jhbarton@stanford.edu](mailto:jhbarton@stanford.edu)), Program Director, is the CEE undergraduate minor adviser in Architectural Design. You must also obtain a signature on this form from the Dean's Office (Bertha Love) before it goes to the Registrar's Office.
- Follow the instructions attached to the form. Prior to applying online 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 in the Y2E2 Building, Rm 316.
- Apply for the CE minor on Axess. The CEE Student Services Administrator 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.**