

GLOBAL ENGINEERING - MINOR

Engineers of the 21st century will be working in a globalized industry in which a growing number of engineering firms are transnational. Moreover, advances in engineering and applied science offer immense promise to solving some of the most challenging global issues of our time, making exposure to other cultures and contexts crucial for a well-rounded engineering education. The global engineering minor will prepare students for international practice in three ways:

- It will reveal the profession's global impact on economics, society, and the environment.
- It will make students more sensitive to and aware of other cultures.
- It will help students understand the overlapping and sometimes contradictory activities of local, national, international and transnational agencies.

Graduates with this minor will be capable of negotiating complex, uncertain and ambiguous circumstances, whether at home or abroad. Coursework for the minor includes a specially designed cornerstone experience called A Global State of Mind, and students must also study a foreign language of their choice.

Note: International students pursuing the global engineering minor are exempted from the foreign language requirement if they are from a non-English-speaking country. Instead, they must take a U.S. context course from an approved list. International students are likewise exempt from the requirement to go abroad, although they are welcomed and encouraged to pursue overseas opportunities through CU.

Additional coursework includes global perspective courses, a regional perspective course related to the student's chosen foreign language, and a globally-oriented technical elective. Most of these courses fit seamlessly into existing humanities and social science (H&SS) and technical elective credit requirements so that students do not have to add significant additional coursework to their major. Finally, students pursuing the minor must study, intern, or volunteer abroad through an approved program.

For more information, visit the Global Engineering Minor webpage (<https://www.colorado.edu/engineering-international/global-engineering-minor>).

Requirements

To enroll in the global engineering minor, a student must be admitted to the College of Engineering & Applied Science and have a minimum 2.50 cumulative GPA. The minor requires a minimum completion of six courses for 18 credit hours, along with an approved global experience. A cumulative GPA of 2.250 or better is required for courses used to satisfy the requirements of this minor.

Code	Title	Credit Hours
Required Courses		
HUEN 2843	Special Topics (Topic: A Global State of Mind)	3
One foreign language course at fourth-semester level or higher, depending on the student's preparation. ¹		3-5

Two global perspectives courses, including at least one upper-division course.	6
One regional/local perspective course with focus on region to match language.	3
One upper-division technical elective focused on a topic relevant to global engineering.	3
One global experience, which can be a CU-approved study, research or internship abroad, or equivalent experience by petition.	0
Total Credit Hours	18-20

¹ International students from non-English-speaking countries are exempt from this requirement, but must instead take a U.S. context course selected from an approved list.

For more information, visit the department's Global Engineering Minor (<https://www.colorado.edu/engineering-international/global-engineering-minor>) webpage.