GLOBAL ENGINEERING - GRADUATE CERTIFICATE

The Mortenson Center in in Global Engineering trains engineers to work in partnership with people from developing communities worldwide to create sustainable solutions to meet their basic needs.

The Mortenson Center in Global Engineering provides students with the opportunity to engage in education, research and practice that is focused on finding solutions to global development challenges. The graduate certificate consists of three specialized, classroom-based courses and a field practicum course. The field practicum integrates education and practice, with students applying their knowledge and skills to contribute to projects in more than 25 countries and tribal nations. Students also have the opportunity to take part in research funded by agencies such as the Bill & Melinda Gates Foundation, USEPA and most recently USAID. For more information, visit the Mortenson Center (http://www.colorado.edu/mcedc/) website.

Requirements

Eligibility

The Mortenson Center in Global Engineering offers a graduate certificate to degree-seeking graduate-level engineering students (including BS/MS students in their final year and MS or PhD students) enrolled in a department within the College of Engineering and Applied Science. It is primarily designed for students who want to learn about global development or who have an interest in possibly pursuing a career in the fields of community development or humanitarian engineering.

The global engineering graduate certificate requirements are separate from the graduate degree requirements established by each student's home department. Therefore, graduate students interested in completing the certificate need to contact their respective academic advisors to determine how the certificate courses will fit into their overall degree plan.

Program Requirements

Students earn the certificate by satisfactorily completing the four required courses listed below, with a grade of B- or higher in each course.

Code	Title	Credit Hours
Required Courses		
CVEN 5919	Global Development for Engineers	3
CVEN 5929	Sustainable Community Development 2	3
CVEN 5939	Global Development Practicum	3
CVEN 5837	Special Topics for Seniors/Grads (Fieldwork Methods for Development Engineers)	3
Total Credit Hours		**12**