

China + Japan

Spring Study Abroad

Global Engineering Leadership Minor

This course is open to all College of Engineering undergraduate students.



COURSE

INTERNATIONAL DISASTER RECONNAISSANCE STUDIES

CEE 4460 – Understanding the consequences of major earthquakes in foreign countries; associated studies undertaken to understand contributing factors and efforts aimed at mitigating these factors for similar future events; and leadership in crisis situations. Lectures and group study activities with an international travel experience, including opportunities to visit several sites impacted by the M8 earthquake in Wenchuan, China, and the world's largest “shake table” facility, E-Defense, in Tokyo, Japan.

Class focuses on evaluating the tectonic setting of the event as well as how manmade infrastructure performed. The manner in which authorities responded to the event from a rescue/recovery perspective is also discussed. Students become familiar with key seismic considerations in the impacted zone as well as the planning and execution of a field reconnaissance study or shake table simulation. Students will also have the opportunity to visit the world-famous Dujiangyan irrigation system (built 256 BC) and the Sichuan Giant Panda Sanctuary. *More info: ce.gatech.edu/leadership*



DATES

COURSE

Spring semester

TRAVEL TO CHENGDU, CHINA; TOKYO, JAPAN

Spring Break

APPLICATION REQUIRED

PROFESSOR



J. DAVID FROST, PHD

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REQUIREMENTS

Course is open to all Georgia Tech undergraduates. Students should submit [1] a transcript (unofficial transcript is OK), [2] CV, and [3] 150-word statement of interest explaining why you want to take this course. Space is limited to 18 students. Applications reviewed on a competitive basis. Travel to China is optional but strongly encouraged to maximize experience from the course.

Financial aid for travel is available!

Contact your course instructor.

