



THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

Sustainable and Resilient Infrastructure in Italy

ENGR 5797.20

Credit Hours:

3.00 - 3.00

Course Components:

Field Experience

Course Description:

During pre-travel lectures and assignments and a two-week in country trip, eligible students will compare and contrast differences between Italy and US built infrastructure, explore historical and cultural reasons for differences between the countries, and envision more sustainable and resilient built infrastructure. Application to the College of Engineering Study Abroad Program required.

Prerequisites and Co-requisites:

Prereq: EnvEng 3200 or CivilEn 3310.

Course Goals / Objectives:

- Identify and analyze components of built infrastructure that enhance sustainability and resilience; Devise practical and sustainable engineering solutions that may be applicable to the US or limitations in its applicability in the U.S.;
- Communicate aspects of sustainable and resilient built infrastructure in oral and written forms; Further develop an understanding and appreciation of global diversity;
- Participate in a study abroad experience which may be outside their comfort zone and experience, and analyze cultural or other reasons for differences in built infrastructure.