

# ENGR Study Abroad - Short Term Summer Course in **ITALY**

## ENCE489 (3 credits) Technical Elective: **Sustainable Green Infrastructure for the Urban Environment**

Program # 11225: <http://globalmaryland.umd.edu/offices/education-abroad/program/11225>

**Program Director: Prof. Dimitrios Goulias**



### INTRODUCTION

This study abroad course will expose you to the sustainability framework, concepts, and techniques required to develop green infrastructure solutions for alternative urban structures and environments, complex spatial systems encompassing mobility, environment, energy, and social well-being. The course will cover the principles of technical, cultural and social approaches used in the design of sustainable green urban infrastructure and you will work on the design development of "green" alternative solutions for various real case scenarios. The course includes site visits to the most important cultural and civil engineering marvels in the Piemonte region (Torino and Milano).

### Course Highlights

- Principles of sustainable “Green” Infrastructure design by international renowned experts;
- Technical, cultural & social principles for the design of sustainable green urban infrastructure in real case studies projects.
- Work alongside Italian students for learning and developing green infrastructure projects;
- Fulfill a 3 credit upper elective degree requirement in a unique cultural setting (ENCE489);
- Site Visit & Trips: most important cultural & civil engineering marvels in the Torino – Milano Region.

**Course Schedule (tentative):** May 30- June 11, 2016

**Class Eligibility:** open to any major.

**Class Size:** 25 maximum (on a first come bases)

**Program fee:** \$3,520

### Financial aid & Scholarships available:

College of Engineering study abroad: Ramsey Jabaji, Assistant Director, [rjabaji@umd.edu](mailto:rjabaji@umd.edu) , 301-405-0234

University Study Abroad: <http://globalmaryland.umd.edu/offices/education-abroad/scholarships>  
<https://globalmaryland.umd.edu/offices/education-abroad/financial-aid>

**Application deadlines:** applications open for Summer 2016 from December 1, 2015 to March 1, 2016.