



Study Abroad in Civil, Construction
and Environmental Engineering

Attraverso Italy

May 7–18, 2018

Global Perspectives in Transportation
(CE 395; 3 credit hours)

Offered through the Department of Civil,
Construction and Environmental Engineering

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For more information about this study abroad
opportunity, contact Judy Thomas,
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IOWA STATE
UNIVERSITY
Department of Civil, Construction
and Environmental Engineering



IOWA STATE UNIVERSITY
Civil, Construction and Environmental Engineering

Study in Italy

Civil engineering is an increasingly global profession. Through this course, students will begin to gain an international understanding of the impact of different historical, cultural, social, environmental, and political factors for transportation and infrastructure projects. In addition, this course will help students prepare for future careers in both the public and private sector.

Instructors

All instructors are professors of Civil, Construction and Environmental Engineering at Iowa State University. The ISU professors will be present for the duration of the two-week course.

Your Academic Program at ISU

Global Perspectives in Transportation (CE 395; 3 credit hours) can serve as an engineering topic elective for civil engineering students on the general track.

Sophomores, juniors, and seniors are encouraged to participate in this opportunity. Possible arrangements can be made for interested graduate students and freshmen.

Course Schedule

- Several orientation meetings will be held at the beginning of spring semester; class will meet once a week the second half of spring semester
- Class time and field trips M–F (in-country)
- Most evening and weekend hours are free
- Organized optional social activities
- Course is geared so students can complete a summer internship after returning

Course Topics & Field Trips

To observe is to fully understand. Students will be provided opportunities to observe international infrastructure and transportation systems and contrast them against those in the US. Course

topics include addressing transportation issues such as safety, asset management, and transit and logistics. Some major trips include the following:

- Explore sites where modern transportation and other civil engineering structures have been incorporated into historic structures
- Discover Rome’s transportation options (metro, trams, trolleybuses)
- View ancient engineering marvels like the Pantheon (oldest freestanding dome), aqueducts, and the Appian Way (an early Roman road)
- Visit the Colosseum, the largest amphitheater ever built and considered one of the greatest works of architecture and engineering of all time

And besides Rome, students will also visit the cities of Florence, Pisa, and Pompeii on their trip *attraverso* Italy.

Housing

Students will reside in apartments arranged by the ISU Rome Program through Boarding House International. Apartments are located in the area of Via Ippolito Nievo in Rome’s “favorite neighborhood”— the Trastevere. With its quiet cobblestoned side streets lined with ancient houses, Trastevere can lead to the hidden corners of Rome and beyond. Boarding House International offers self-catering apartments with parquet floors, a balcony, and fully-equipped kitchenette with dishes and cooking equipment.

Costs

- Students will sign up for CE 395 for spring semester to avoid paying summer tuition (tuition will be part of regular spring semester costs)
- Housing: Approx. \$850/person
- Airfare from Des Moines International Airport with taxi to destination: Approx. \$1,400
- Additional costs for field trips, other meals, and miscellaneous expenses: Approx. \$970

Total costs are estimated at \$3,220. All listed costs are estimates at this time.

ISU Rome Program

Since 1991, more than 2000 students have studied in Rome through the College of Design’s flagship international program—the only fully licensed study abroad program in the Iowa Regents system. Participants attend classes at the studio facilities located in the historic center of Rome at Palazzo Cenci-Bolognetti, a 16th century building located in the Piazza delle Cinque Scole near the Tiber River. Through the program, students, from any major, have the opportunity to become real residents of Rome, rather than just tourists.

Historical Legacies

Rome, Italy’s Eternal City, is one of the world’s most beautiful and inspiring capitals. The result of 3000 years of ad hoc urban development, Rome’s cityscape is an exhilarating spectacle. Ancient icons such as the Colosseum, Roman Forum, and Pantheon recall Rome’s time as the fearsome hub of the Roman Empire, the caput mundi (capital of the world), while catacombs and clandestine churches hark back to an earlier age.

Today’s Rome owes much to the Renaissance period and the creation of bustling, lively squares like the Piazza del Campidoglio. Rome is well-known for its love of artwork and feasting. Not much can rival the artistic heritage of Rome, except perhaps the al fresco, street-side eateries, lining the city’s winding, cobblestone streets. Its eclectic population of almost 3 million people is served by a complex, modern transportation network of buses, trams, and the Rome Metro, which serves the city with three underground rail lines that run a length of 37 miles with 73 stations.

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