

Academic Summer Program: Sustainable Energy Systems

May 17 – June 15, 2010

Learn about renewable energy resources and environmental benefits from faculty of the Environmental Campus of FH Trier in combination with the acquisition of skills vital to career success in the global community.

Each course will be taught in English by several German professors specializing in renewable energy and intercultural issues. A faculty member from Clemson University will accompany the program. Students enroll at Clemson University for two 3 semester credit hour courses:

1. Sustainable Energy and the Environment

- "Green" energy and energy conversion
- Passive energy buildings
- Fuel cell technology, wind, solar, biomass
- Waste material treatment, energy recovery
- Material flow management, logistics

Students will benefit from the practice-oriented education style and the university's modern and comprehensive facilities. Laboratory exercises will complement the program, such as building and testing a fuel cell.

2. Intercultural Awareness / Germany / EU

- Basics of German language and culture
- German politics, government, EU
- Impact of culture on behaviors in business and personal exchange
- Recent German history
- Case studies and teamwork

Cultural Program Features:

In Trier, you will experience the culture of the oldest city in Germany, with a history that extends back to the Roman empire, and the splendid Mosel valley with its lovely villages and vineyards. Furthermore, subject-specific excursions will be taken to fascinating attractions such as Bonn and Luxembourg. Several other excursions will be offered as well, including a four-day trip to Munich after the end of the course.

Cost:

Approximately \$3550, incl. course fees, lodging, breakfast, field trips, transportation (excl. airfare), cultural programs, access to the internet and other campus facilities

Locations:

The program will take place in two different locations: the university's main campus in Trier and on the Environmental Campus in Birkenfeld. Trier is Germany's oldest city and the Environmental Campus is one of the most renowned higher education institutions for environmental sciences in Germany. German "buddy students" will be assigned to the program to offer assistance and to enhance contact with German student life during the stay in Trier and Birkenfeld.

Requirements:

The program is open to students in sciences or engineering after their first year of undergraduate studies.

Accommodation:

In Trier, students will live in a centrally-located hostel in dormitory-type accommodations. While at the Environmental Campus, students will stay in double rooms at a guest house on campus.

Further Information/ Registration:

Jessica R. Pelfrey
Clemson University
College of Engineering and Science
Office of Undergraduate & International Studies
Tel: (864) 656-4440
pelfrey@clemson.edu

www.clemson.edu/ces/students/global/studyabroad/summer/germany

