

CHINA

STUDY ABROAD



Renewable Energy and Sustainability

May 17 – June 11, 2010

*Program offered jointly by IPENG,
International Programs in
Engineering, and ACES Study Abroad*



DESCRIPTION

This program is designed for UIUC students to study abroad in China with a focus on renewable energy and sustainability. Renewable energy and sustainability is a global issue facing both developed countries such as the United States and developing countries such as China. We are living in the EARTH village. This global issue can only be solved by involving whole societies and having all the scientists and engineers in the world to work together. At the same time, this is a unique opportunity for UIUC students to study abroad to expand their global perspective, improve their cross-cultural communication skills and enhance their competence in the global economy. This program will provide UIUC students the experience of immersing themselves in a totally different culture and to exchange ideas with people from different backgrounds.

Students will study abroad in Beijing and Hangzhou, China from approximately May 17 to June 11, 2010.

Interested in participating in this program? Then send an email to the program director, Dr. Xinlei Wang (xwang2@illinois.edu).

PROGRAM OBJECTIVES

The objectives for this study abroad course are to:

1. enhance students' learning on the issue of energy and sustainability, and
2. expand the participants' intercultural experiences and competence in the global market.

PROCEDURE

Students enrolled in this program will spend four weeks in China. They will participate in a project at the host university – Zhejiang University, working with Chinese students as a

team on a project to improve the energy efficiency and to minimize the negative impact on the environment in China. The topics can be anything related to renewable energy. Students can also select a project for a case study. They will study the existing energy supply system in China and get information about:

- What are the conventional energies used by a Chinese family?
- How much energy consumption per capita is used in the rural and the urban areas?
- What are the major emissions associated with their energy usage?
- What potential improvements can be achieved by using renewable energy: energy savings and emission reductions?

The final projects will be determined in the future by faculty at UIUC and the host university, with input from fellow students.

Each team is required to give a presentation on the topic of their project, including background information, progress/current status, pros and cons, or advantages and disadvantages, and future development/trend.

TENTATIVE SCHEDULE

Monday, May 17: Fly U.S. - China. Arrive at Beijing International Airport on May 18.

May 18 – 23 in Beijing: Lab visits and field trips

May 24 – June 10 in Hangzhou: work on projects, including field visits and tours.

Friday, June 11: Return to U.S. from Shanghai Pudong International Airport

CREDITS

The study tour is preceded by preparatory sessions during the spring semester (dates and place TBA). These preparatory sessions, assignments, along

with the study tour to China carry 3 credits, to be awarded either as:

ABE 397 (CRN 47279, spring 2010) - Independent Study, 3 Hours; or

ACES 298 (CRN 11737, spring 2010) International experience. 3 Hours.

Participants are strongly recommended to take the course ABE436/TSM436 - Renewable Energy Systems in spring 2010.

In addition, students should register in CHIN 199, Chinese Language and Culture, during the spring semester, as this is a course that is specifically designed to prepare students for programs in China during summer 2010. Students from the College of Engineering participating in the study tour are in fact required to complete CHIN 199.

At the end of the study tour each student will submit a research report and do a presentation.

ESTIMATED EXPENSES

Estimated Costs (*Subject to change*)

<i>Program deposit, non-refundable once the participant has committed to the program.</i>	\$300
<i>Program fee (Covers transportation, accommodation, entrance and guide fees, some meals)</i>	app. \$2200
Visa and immigration processing	app. \$130
Round-trip airfare (<i>Group travel will be arranged</i>)	app. \$1500
SAO administrative fee	\$25
Emergency medical insurance	\$28.50
Personal expenses (variable)	\$300

All expenses except personal expenses will be charged to the participant's student account.

Flight arrangements will be made by IPENG and students must follow the booking instructions provided upon acceptance into the program.

Participants may elect to extend their stay in Asia. The responsibility of the University of Illinois for these participants ends on the last official day of the program. Students choosing to return on a different date or a different return route than the group have to work with the travel agent that is making the group reservations. Diverging from group plans on the return flight may entail higher costs for airfare and additional fees, which will also be charged to that student's account.

SCHOLARSHIPS

Engineering students should enquire about eligibility for IPENG scholarships through the College of Engineering. ACES students are encouraged to apply for ACES study abroad scholarships. For details, please refer to http://students.aces.illinois.edu/study_abroad/scholarships. In addition, campus scholarships may be available, particularly the I4I scholarship. For details, refer to <https://www.studyabroad.uiuc.edu/>.

ELIGIBILITY

This program is a great option for students in ENG, ACES, FAA and several other programs at UIUC.

Students who wish to participate in this program must show a strong commitment to academic achievement and be in good academic standing. Applicants must have completed at least one year of course work at UIUC by the time the program begins. Space is limited and participants are chosen on a first come, first serve basis. Late applications will be accepted if space is still available.

APPLICATION PROCESS

Apply online at www.studyabroad.uiuc.edu by **November 30, 2009** (*click the 'Programs' tab, then search for 'Renewable Energy'*). Late applications will be accepted based on availability.

Remember to obtain a letter of reference, which can be submitted online through the website above. In the essay, which is part of the online questionnaire, applicants should describe their main motivation for selecting this program.

Upon completion of the application, applicants will be invited to a personal interview with the program director, Xinlei Wang. Shortly thereafter, an acceptance or denial decision will be made and the applicant will be notified of this decision by email. The goal is to purchase the flight ticket by early December. Participants who withdraw after tickets have been purchased will be responsible for the non-refundable portion of their ticket.

LANGUAGE REQUIREMENTS

This program is conducted entirely in English.

PRE-DEPARTURE ORIENTATION

Students accepted into this program will be required to attend pre-departure orientations. Participants will be notified of the exact dates.

PASSPORT AND VISA

You will need to have a valid passport to participate in this program. Instructions on how to obtain or renew a passport are at:

http://travel.state.gov/passport/get/first/first_832.html

If you already have a passport: Check to make sure it is valid until at least December 2010. If not, you will need to get it renewed immediately.

In March 2010 the participants' passports have to be submitted to the Chinese consulate in Chicago in order to obtain the appropriate visas. Detailed instructions will be provided.

VACCINATIONS AND HEALTH

Once you have been accepted into the program you need to schedule a health consultation at McKinley Health travel and immunization unit (333-2702) to discuss what immunizations you need, get a travel kit, etc. Visiting the dentist at least one month prior to departure is also recommended. See also www.cdc.gov/travel.

CONTACT

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