#### **SCHOLARSHIPS**

ACES undergraduate students are eligible for a \$500 ACES scholarship, to be credited to the student's account in March 2010. Agricultural & Biological Engineering students may be eligible for IPENG scholarships. For details, please refer to <a href="http://students.aces.illinois.edu/study\_abroad/scholarships">http://students.aces.illinois.edu/study\_abroad/scholarships</a>.

In addition, campus scholarships may be available, particularly the I4I scholarship. For details, refer to <a href="https://www.studyabroad.uiuc.edu/">https://www.studyabroad.uiuc.edu/</a>.

## **ELIGIBILITY**

The program is open to students with good academic standing from all UIUC colleges.

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.

## LANGUAGE REQUIREMENTS

Students are strongly encouraged to have taken PORT 199 or equivalent prior to travel. The program is conducted primarily in English but Portuguese is the language of Brazil and familiarity with it is essential.

## **PRE-DEPARTURE ORIENTATION**

Students accepted into this program will be required to attend two weekend retreats.

#### **APPLICATION PROCESS**

Apply online at <a href="https://www.studyabroad.uiuc.edu">www.studyabroad.uiuc.edu</a> (click programs tab, search for "Instrumentation") by December 4, 2009

Late applications will be accepted based on availability.

## 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://students.aces.illinois.edu/study\_abroad/planning\_tools.

If you already have a passport: Check to make sure it is valid until at least January 2011. If not, get it renewed now.

The group members must have a valid Brazilian visa to enter the country. Visa applications will be done during group weekend retreats.

## **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 <a href="https://www.cdc.gov/travel">www.cdc.gov/travel</a>.

## **CONTACT**

Angela Green, Assistant Professor, Team Leader Agricultural and Biological Engineering 332G Agricultural Engineering Sciences Building 1304 W. Pennsylvania Ave. Urbana, IL 61801

Phone: 217-244-4228 Fax: 217-244-0323

Email: angelag@illinois.edu

## OR

Andrea Bohn, Assistant Dean ACES Academic Programs 109 Mumford Hall, MC-710 Urbana, IL 61801, USA 1301 West Gregory Drive Phone: (217) 333-3380 Email: abohn@illinois.edu

## **BRAZIL**

## STUDY ABROAD



# Bioinstrumentation for sub-tropical climates

May 17 – June 5, 2010

Program offered by ACES Study Abroad



#### DESCRIPTION

This 3-week study visit is a partnership between UIUC and Purdue University, and two Universities in Brazil. The visit coordinators are professor Angela Green (UIUC) and professor Bernie Engel (Purdue). Travel will take place from mid-May 2010. Students will work in small teams with Brazilian students on projects related to bioinstrumentation for engineering research. Field trips, nature excursions, and cultural programs will be included.

Check out www.usp.br/ccps and www.ufv.br to learn more about the University of São Paulo at Pirassununga and the Federal University of Viçosa. Also check out the semester-long study opportunities of our companion project "Bioenergy and Biological Systems Engineering: An Educational Consortium for a Sustainable Agriculture".

Interested in participating in this program? Then send an email to both the instructor, Dr. Angela Green (angelag@illinois.edu) and Dean Bohn (abohn@illinois.edu).

## **PROGRAM OBJECTIVES**

- 1. Raise student awareness and understanding of Brazilian cultures and the role of engineering problem solving in a global context.
- 2. Expose students to the process of identifying and solving a research-based engineering problem in collaboration with students and faculty from the Brazilian partner institutions.

## **CREDITS**

The study tour is preceded by preparatory sessions during the spring semester (arrangements TBA). These preparatory sessions, assignments, along with the study tour to Brazil carry 3 credits, to be awarded as an International Experience.

ACES 298, 3 credit hours. Spring 2010. International Experience.

## **PROCEDURE**

- Register for ACES 298 (required, CRN will be provided upon acceptance) and PORT 199 (Portuguese for Engineers) or PORT 400 (optional but strongly encouraged) in Spring 2010.
- Attend two weekend retreats, one in March (at Purdue) and one in April (at UIUC). These retreats will provide students an opportunity to organize travel logistics, prepare for project, form teams and develop team dynamics, and develop the project timeline.
- On arrival in Brazil execute the planned schedule. Students will prepare both oral presentations and written reports of their team projects. Students are expected to present the results of their projects to students and faculty both in Brazil and the US.

## **TENTATIVE SCHEDULE**

May 15-16 – travel days

May 17-21 – visit to USP-FZEA, nearby industries

May 22-31 – visit to UFV, nearby industries

completion of student projects

June 1 — presentations and celebration party

June 2-3 — tourist time in Rio de Janeiro

June 4-5 - travel days

In addition, students are strongly recommended to register for a Portuguese language course during the spring semester, as this is a course that is specifically designed to prepare students for programs in Brazil during summer 2010.

PORT 199 (CRN tba), 3 credit hours. Spring 2010. Portuguese for Engineers.

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)

Estimated oosts (Subject to change)	
Program fee, non-refundable once the participant has committed to the program.	\$300
Housing and Meals, Student Activity Fees and Excursions	approx. \$2200
Visa and immigration processing	\$150
Round-trip airfare (Group travel will be arranged)	approx. \$1500
SAO administrative fee	\$25
Emergency medical insurance	\$28.50
Personal expenses (variable), Immunizations	\$450

Total Cost of Participation: \$4653.50

The program fee of \$300 is due by Dec 11, 2009 (UIUC participants: this will be charged to students' accounts). In January, airfare will be purchased by the participant directly through the travel agent with whom group flights have been booked. The costs for Housing and Meals, Student Activity Fees and Excursions (app. 2200) will be charged to the UIUC student in March 2010 directly to their account. Purdue students have to pay by check, payable to UIUC.