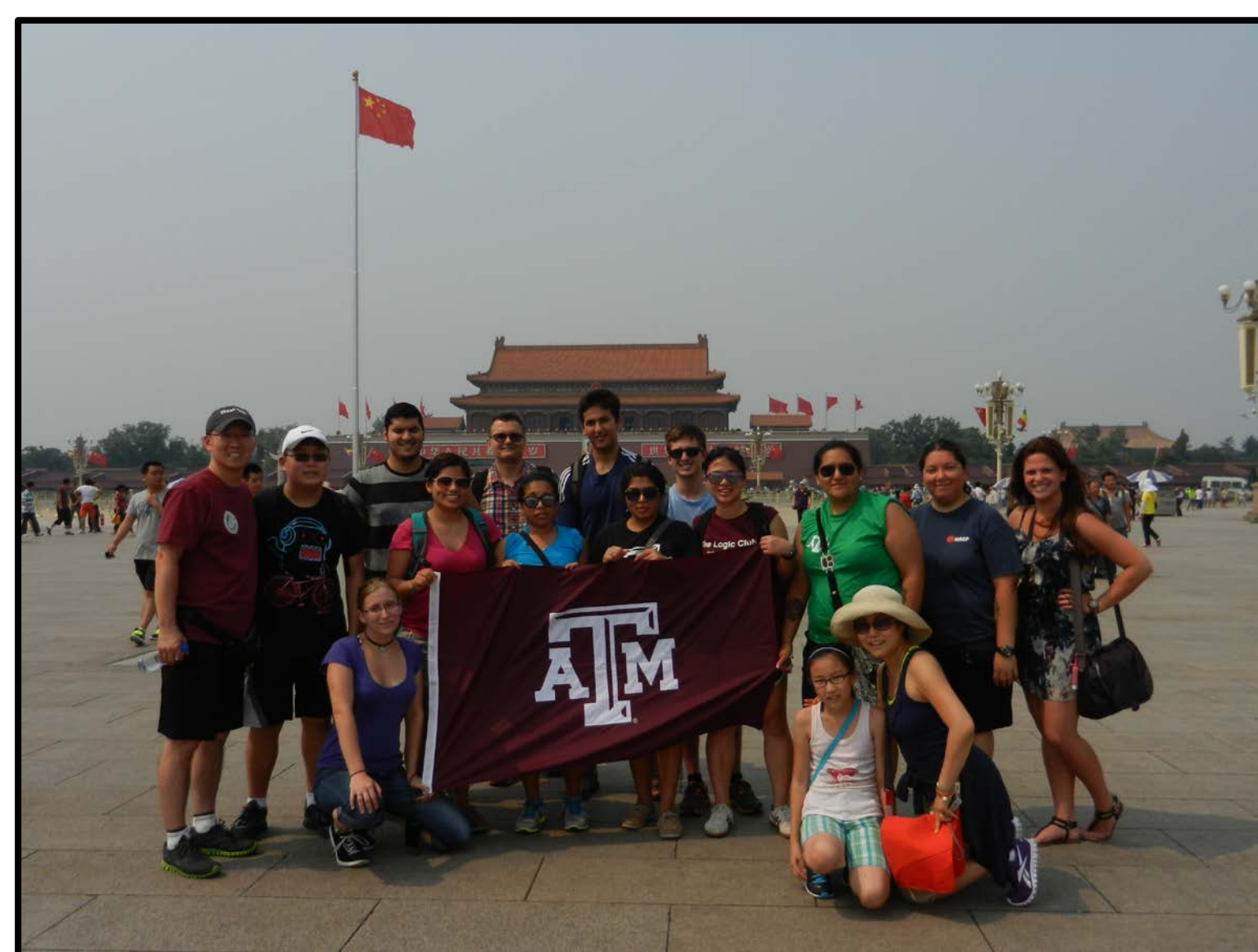




A&M Bioenvironmental Sciences in China

Faculty-Led Study Abroad Program, Summer I 2014
Fujian Agricultural and Forestry University, Fuzhou, China



Why study Bioenvironmental Sciences in China

- International environmental issues are becoming more important as the rapid industrialization of the developing world is producing pollution that affects the producing nation, neighbors, and the global environment.
- The developing world, including China, will face many of the same issues that the US has experienced. It is critical for Texas A&M students to gain a global perspective in understanding how world economy and business impact US and world environmental issues.
- An understanding of national and international efforts to regulate development to protect human health and the natural environment is key to the quality of human life and industrial productivity.

Two Courses Offered

- The courses will be taught primarily on the campus of Fujian Agricultural and Forestry University (FAFU).
- The students will have an opportunity to interact with FAFU faculty and students in multiple activities, fostering interactions between TAMU and FAFU students.
- *Site characterization trips will provide students with unique learning experience and foster global perspectives.*
- **BESC489 (Special Topics in International Perspectives on Environmental Issues, 3 Cr Hrs)** will introduce the nature of international law and the institutions that foster international cooperation and implementation of environmental agreements. This course will focus on China, a key international partner and competitor of the US. We will examine some of the past and current environmental issues being faced by the US and China. The issues examined in these countries will be expanded to the global context.
- **BESC403 (Environmental Sampling and Monitoring, 3 Cr Hrs)** will teach students the principles and techniques of environmental sampling for soil, water, air and hazardous wastes, as well as methods for environmental analysis using biological, chemical and instrumental techniques. Students will form teams to produce instructional videos and environmental site assessment reports. We will discuss how environmental regulations and laws differentially impact public and private sector monitoring practices in the US and China. BESC403 will also include environmental site visits, team projects developing simulated companies, and peer job interviews.

Tentative Program Schedule

INSTRUCTORS

BESC 489: Dr. Daniel Ebbole
Professor, BESC & PLPM, Texas A&M University

BESC 403: Dr. Won-Bo Shim
Assoc Professor, BESC & PLPM, Texas A&M University

<< June 2 ~ 30, 2014 >>

Week 1

Classroom Lectures, Optional Language and Culture Courses, Field Trip to Fujian Transgenic Rice Research Facility

Week 2

Classroom Lectures, Optional Language and Culture Courses, Field Trip to Xiamen (via High Speed Rail) Environmental Protection Bureau, Sampling Practicals.

Week 3

Classroom Lectures, Optional Language and Culture Courses, Biodiversity and Geology and Wuyi Mountains (2-day trip)

Week 4

Classroom Lectures, Final Exams, Travel to US via Beijing

<< Application Deadline: March 1, 2014 >>

For More Information, Visit BESC Website!!!
(<http://plantpathology.tamu.edu/>)

About Fuzhou, China

- Fuzhou is the capital and the political, economic and cultural center of Fujian Province, located in the southeastern China. Recent Fujian-Taiwan investment agreements have boosted business developments in Fuzhou.
- The booming economy and development brought by population growth, urban development, and heavy industrialization has led to pollution, and over-exploitation of natural resources.
- *There are a variety of environmental assessment, monitoring, and remediation projects that are on-going in the city and the province, and our students will have a chance to experience how these projects are developed and implemented in one of the rapidly developing regions in China.*

Site characterizations and Excursions

- **The Wuyi Mountains** are a mountain range located in the northern border of Fujian Province with Jiangxi province, China. In 1999, Wuyi entered UNESCO's list of World Heritage Sites, both natural and cultural.
- **Xiamen** is a major city on the southeast coast of China. The city was a treaty port in the 19th century and one of the four Special Economic Zones opened to foreign investment and trade when China began economic reform in the 80s.
- **Beijing!** The capital is the political, cultural, and educational center of China. We will tour the great wall and forbidden city. Recent urbanization and economic growth however have triggered numerous environmental concerns.



Fujian Agricultural & Forestry University

- FAFU is a major higher education institution in Fujian Province, China. It has over 28,000 students, and 2300 faculty and staff in 22 colleges and 69 undergraduate majors, including science, engineering, agriculture, economics, law and medicine.
- We will have FAFU classrooms and labs available. We will also have access to the dormitory and dining hall system.
- This Study Abroad Program will be offered as a collaboration with FAFU College of Resources and Environment and College of Plant Protection.
- *The proximity and relevance of environmental monitoring, regulations, and remediation provides an excellent linkage between the location of the University and the program emphasis.*



With FAFU President Dr. Lan

Estimated Program Cost

Room and Board (Dorm & Dining Halls) - 4 weeks	\$500
Site Characterizations and Excursions	\$800
Texas A&M Study Abroad Admin Fees	\$300
Misc Program Expenses (China Visa & Insurance, etc)	\$400
Portion of Faculty Expenses	\$700
Total*	\$2,700

Costs NOT covered by the Program Cost (TAMU tuition & fees [6 Cr Hrs]*, Airfare to/from Fuzhou, Passport Fee, Additional Personal Expenses): \$3,600~4,100 (estimate)

* Study Abroad Scholarships & other aids may be available to qualified students