



# University of Washington Bothell

## Engineering and Technology Majors Study Abroad



### Why study abroad?

Studying abroad expands your understanding of the world and helps you develop usable skills, such as adaptability and intercultural communication, that are in high demand by employers and graduate programs.

“People say that a picture [is] worth a thousand words...or so. But no matter how high-def the camera is or how great of a writer I am in describing what I experienced, it would never be the same for you don't be the person that's looking at the picture, but be the one to capture it with your senses. UWB has many great opportunities for students to study abroad, so take advantage of what the campus has to offer.”

Nguyen Tong, CSS  
Class of 2014

### Can I afford it?

Absolutely! Program fees vary greatly depending on the program, but with good planning an affordable study abroad experience is possible. Most types of financial aid can be applied to the programs offered through the UW, and there is a list of scholarships available to students studying abroad on our website. Be sure to plan ahead! Make an appointment with us and we can help you start your scholarship search, both Study Abroad Advising and the UWB Writing and Communication Center can help polish up application essays.

### What kinds of programs are there?

The UW offers more than 200 programs to meet the needs and ambitions of all students. Here are the six program types available:

- **Short term** specialized 1-2 week programs
- 3-4 week **exploration seminars** in early fall
- **Quarter-long UW programs** led by UW faculty members
- Semester long **affiliated programs** organized by other groups or companies
- Semester/Year long **university exchanges**
- **IE3 internships abroad**

Though not necessarily run through the UW, REU undergraduate research abroad is another fully funded oppor-



Gogoshima, Japan  
Nguyen Tong, CSS  
Early Fall 2013

### When can I study abroad?

You can study abroad any time during your college career and we have programs ranging from a couple weeks to a full year, all of which guarantee UW credits. We encourage students to consider studying abroad early in their college career so the opportunity is available to study abroad again if they desire. There may be more flexibility in course scheduling during a student's first couple of years while they complete the general area of knowledge requirements. It is important to meet with your academic advisor to make sure your study abroad credits will fit well with your academic schedule. If you love it the first time, you may want to consider an IE3 internship or even REU undergraduate research abroad.

### Do I need to know a foreign language?

Not necessarily. While many exchanges and affiliated programs may have a foreign language requirement, there are plenty of programs primarily in English. Study abroad does provide a fantastic chance to start learning a new language as you will practice the native language when speaking with locals. A lot of programs also incorporate basic language lessons into their curriculum.



Google™ in South Korea  
Simone de Rochefort, CLA  
Early Fall 2012



Mfuwe Day School, Zambia  
Shauniece Drayton, CP  
Summer 2013

### How do I get started?

Explore! The link at the bottom of this page will take you to the UWB study abroad home page, and from there you can look at the tips and resources on the website, search for programs, or set up an appointment to meet with a Study Abroad Advisor. Things to consider when looking for a program: What do I want to study? How long do I want to go? Where do I want to go?

Contact us:

Global Initiatives  
Student Success Center  
UW1-160  
studyabroad@uwb.edu  
425.352.3707

Appointments:  
<http://uwb.mywconline.com>

# Engineering & Technology Programs of Interest

Please note that the programs listed are just a sample of what the UW offers

## **Lessons From the Japanese Experience with Nuclear Power**

An early fall course based in both UW Bothell as well as Japan. Students will explore lessons learned from the Japanese experience with nuclear power. This course also incorporates the cultural and social implications of nuclear power in Japan, as well as in the Pacific Northwest.

**Early Fall Exploration Seminar, Japan**

## **Civil and Environmental Engineering: Water in an Arid Land: the Engineered Water Cycle**

This course will examine the engineered water cycle in Jordan by studying the current and historic water resources in Jordan, drinking water treatment and distribution in Jordan including the use of cisterns and desalination, treatment of concentrated wastewater including efforts for safe reuse, and plans in Jordan for meeting future challenges.

**Early Fall Exploration Seminar, Jordan**

## **Aeronautics and Astronautics: Autonomous Systems and Robotics for Biological Research and Monitoring**

The focus of the course is to experience first-hand the use of autonomous robotic systems in the exploration and collection of data relevant to the study and monitoring of biological and agricultural systems. Students will explore both technological aspects of autonomous data collection as well as local cultural and sociological factors related to use of technology as it pertains to local ecology.

**Early Fall Exploration Seminar, Australia**

## **UWB STEM France: Scientific Explorations of Art and Architecture in France**

This program will conceptually explore three topics of physics: measurement, light, and the physics of architecture. The course will study the intertwining relationships between these three topics as students make observations, take measurements, and examine the impacts of physics in the real world.

**UW Program, Summer Term A, France**

## **iSchool South Korea Information, Technology, and Society in Modern Korea**

Studying in Korea provides an opportunity for students to witness how an ancient culture with numerous influences from across Asia has managed to create unprecedented economic growth in the last fifty years to become a global leader in information technology and a dynamic center of popular culture.

**UW Program Summer Term B, Republic of Korea**

## **SIT Study Abroad Iceland: Renewable Energy, Technology, and Resources Economics**

This program explores all aspects of renewable energy: from its sources in nature, to its technological utilization, to its social and environmental impacts. Students will enjoy extraordinary access to experts, unique experience in the field, and exemplary support from program staff.

**Affiliated Program, Summer Quarter, Iceland**

## **CIEE Arts and Sciences Botswana**

Enroll directly in classes at the University of Botswana and become fully integrated into the campus community. Take advantage of extensive study abroad subject offerings, from education and public health, to business, engineering, African languages, and Media Studies.

**Affiliated Program, Semester or Year, Botswana**

## **Norwegian University of Science and Technology**

This direct exchange is geared towards students who want to choose from a wide variety of courses taught in English and fully immerse themselves in the life and culture of Norwegian society and student life.

**Exchange, Semester or Year, Norway**

## **Yonsei University**

This program allows for integration with local students within a wide range of classes taught in English. UW Students will be assigned to local student tutors who help with cultural acclimation. Participants will need a high level of personal maturity and independence.

**Exchange, Semester or Year, South Korea**

## **University of Queensland**

The University of Queensland (UQ) is one of Australia's premier learning and research institutions. It is the largest and oldest university in the State of Queensland and has produced generations of graduates who have gone on to become leaders in all areas of society and industry.

**Exchange, Semester or Year, Australia**

## **IE3 The Trailblazer Foundation—Data Analyst**

The intern will work with Khmer staff to conduct field surveys pertaining to one of Trailblazer's current village-based projects. In addition to logging data for general record, the intern is also asked to write a formal monitoring report on one or more of these projects.

**IE3 Internship, Cambodia**

## **IE3 AsoFenix: Renewable Energy and Community Development**

Assist with organizing community support and for the projects; work on photovoltaics, solar powered water pumping, small wind turbines, micro-hydro turbines, improved cook stoves, and small-scale biogas technologies; work to develop agro-forestry projects which can be leveraged to ensure increased local participation in watershed management.

**IE3 Internship, Nicaragua**