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*"After personally visiting the University of Sheffield, England, and St. Louis University, Spain, I am very excited about the engineering study abroad program which, with planning, can be integrated into our standard 4-year program. Check it out!"*  
--Dr. Greg Mowry

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# Study Abroad for Mechanical Engineering

## Why study Engineering abroad?

- To deepen your understanding of engineering in a global context
- To understand the relationship between culture and science
- To expand your cross-cultural communication, foreign language, and problem solving skills as you interact with faculty and students from around the world
- To broaden your academic horizons
- To develop intellectually, emotionally, culturally, and socially

## So...what do I do next?

- Begin planning right away. It is never too early to start planning. Stop by the IEC, sign up for a "First Step" session (go to the website for details, see left) and use their library to begin researching destinations.
- Set some goals. There is not one program best suited for all Engineering majors. You need to determine which one best fits you. Prioritize your goals. Consider your long-term academic, professional, and career goals.
- Think about what you want to learn from (and what you can contribute to) the program, college, and country where you want to be.
- Prepare academically. You may need to take prerequisites or plan for classes upon your return.
- Start a budget.
- To help with the above, talk to:
  - ✓ Dr. Greg Mowry in Engineering
  - ✓ Study Abroad Advisor at International Education Center (IEC)

## Yeah, but...

### • **Where can I study?**

St. Thomas School of Engineering has identified two programs that work well for its students: the University of Sheffield in Sheffield, England, and St. Louis University in Madrid, Spain. Other sites are possible, but these two are recommended.

### • **Can I take my Engineering course(s) in English?**

Yes. At the University of Sheffield, all courses are taught in English. At St. Louis University, Engineering courses are taught in English while other courses are taught in either Spanish or English. You will also take a Spanish course.

### • **Can I afford it?**

YES! The cost of studying abroad is within the reach of most UST students. Financial aid applies to semester study abroad, and students not currently receiving financial aid may be eligible for loans. There are also special scholarships for studying abroad.


## Academic Planning:

- In consultation with your academic advisor create a tentative “4-year” academic schedule ASAP (see sample below). By doing this, you will determine when, during your academic career, studying abroad best fits you.
- For Engineering students, the fall or spring of their sophomore year fits best with Engineering requirements. Depending on your schedule, you may take a combination of Engineering courses and core requirements or electives.
- As part of your application process, you will identify particular courses of interest and get them approved by Dr. Mowry *before* you depart. Finally, in addition to studying abroad, you should also consider research, service-learning, internships, volunteer and extracurricular experiences off-campus, just as you do when you are on campus.
- At St. Louis University, you will take one Spanish course in addition to your other courses. You will also live in a Spanish homestay, where you will have the opportunity to practice Spanish and truly experience Spanish culture. For more information, visit the St. Louis Madrid website at <http://spain.slu.edu/>.
- At the University of Sheffield, courses may be to fulfill core requirements and to complement Engineering courses. For approval of courses outside of Engineering, talk with the appropriate department chair. Housing at Sheffield will be in flats or dorms, with English roommates. For course descriptions and more information on the University of Sheffield, visit their website at <http://www.shef.ac.uk/international/abroad/studyincoming>.

*Sample Schedule* for a Mechanical Engineering major wishing to study abroad:

	<i>First Year</i>	<i>Second year</i>	<i>Third Year</i>	<i>Fourth Year</i>
<i>Fall</i>		ENGR 220		
		MATH 200		
		PHYS 112		
		Elective		
<i>JTerm</i>	Study Abroad			
<i>Spring</i>		ENGR 221		
		ENGR 381		
		MATH 210		
		Elective		

\*Only Engineering courses are listed here, but don't forget about your core courses and/or electives abroad!

 = time periods when Engineering students may study abroad.