Halliburton
Engineering Global Programs

Civil Engineering and Mechanical Engineering

SPAIN – Summer I
Castilla-La Mancha
May 22 – July 2, 2016
Castilla-La Mancha, Spain: May 22 – July 2, 2016

Description
This study abroad program is intended to provide Texas A&M students with an in-depth experience with Spanish language, culture, history, government, and economy; consist of two upper-level courses instructed using an integrated teaching methodology and have field trips to construction sites that would involve direct interaction with design and construction professionals. Students have an option to stay in host homes or an apartment/hotel. Students will have direct interaction with Spanish students not only in a social setting, but in the classroom as well. The technical visits, cultural visits and interaction with Spanish students will contribute to the students’ global competency development and preparation to join the global engineering industry.

What Makes this Program Unique?
A large group of 50 students means significant group discounts and a lot of new friends to make; while small tracks means extensive student/professor interaction. The planned field trips are (1) 5-day trip to Bilbao and San Sebastian in northern Spain, (2) 4-day trip to Valencia in eastern Spain, and (3) 5-day trip to Porto in northern Portugal. The program cost covers transportation to these cities, safe and comfortable hotels, breakfasts in the hotels, and a mandatory guided city tour the first morning. Besides the guided city tours, no other mandatory activities are planned so the students can have free time to explore the cities, their old quartiers, restaurants, museums and beaches. The program makes all the bookings and reservations.

Participants interact extensively with local Spanish people. Thirty-two of 50 students live with host families, plus local students from the University of Castilla-La Mancha attend class. This enhances the cultural experience and gives a distinctive perception of what life in Spain is really like. This connection with the community makes this program unique. Additionally, students staying with host families are provided breakfast and dinner in Ciudad Real; while students staying in the hotel can use the kitchen of their suites to prepare food. Two program coordinators are available 24/7 to help the students and faculty with ALL types of needs (emergencies, doctor visits, shopping, travel planning, etc.) so that academic activities do not have to be interrupted for unforeseen circumstances. Transportation is provided from the Madrid airport to Toledo (where the program begins) the first day and from Ciudad Real (where the program ends) to the Madrid airport the last day.

With so much included in the program cost, out-of-pocket expenses are low.

Program Limit and Deadline
The Spain study abroad program has 50 limited spots. The deadline for registration is February 1st. HOWEVER, the acceptance into the program is on a first come first serve bases and usually by November the program is full. Reserve now your spot!!

Eligibility Requirements
- Minimum 2.5 GPA
- Good academic standing with the university
- Required to attend all program specific orientations

Courses

Track A (Dr. Bracci)

CVEN 444 - Structural Concrete Design (3 CR)
Perquisite: CVEN 345
*Course may count as a technical elective in BAEN, CHEN, MMET, MEEN and NUEN.

CVEN 483 - Analysis and Design of Structures (3 CR)
Perquisite: CVEN 345
*Course may count as technical elective in BAEN, CHEN, MMET, MEEN, and NUEN.

Track B (Dr. Olivera)

CVEN 339 - Water Resources Engineering (3 CR)
Perquisite: CVEN 311
*Course may count as technical elective in CHEN, MMET, MEEN, NUEN and PETE.

CVEN 423 - Geomatics of Civil Engineering (3 CR)
Prerequisite: CVEN 303 or approval of instructor
*Course may count as technical elective in BAEN, CHEN, MMET, MEEN, NUEN and PETE.

*CVEN students are required to meet with undergraduate advisor to discuss how courses will count toward degree plan
Track C (Dr. Hogan)

**MEEN 368** - Solid Mechanics in Mechanical Design (3 CR) - Required course for MEEN majors
Perquisites: CVEN 305; MEEN 357 and MEEN 360
Course may count as technical elective in BAEN, BMEN, CHEN, NUEN and PETE.

**MEEN 475** - Materials in Design (3 CR) - Will fulfill Stem elective for MEEN majors
Perquisites: MEEN 360 and MEEN 361; CVEN 305
Course may count as technical elective in BAEN, BMEN, CHEN, MMET and NUEN.

Faculty Leaders

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Dr. Harry Hogan
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Castilla–La Mancha
Castilla–La Mancha is an autonomous region in Spain, situated in the heart of the Iberian Peninsula. There are many monumental cities and towns of great historical importance, like Toledo and Ciudad Real. The University of Castilla-La Mancha is a regional institution that consists of four campuses with 30,000 students. The program starts in the historic city of Toledo, which is 45 minutes south of Madrid. After the first week in Toledo, the program shifts to the campus in Ciudad Real. The city is a blend of old and new, and has seen expansion in all aspects of infrastructure since the 1980’s. In addition, the campus is heavily centered on sciences and technology including their prestigious School of Engineering.

Excursions
The program includes three excursion trips with transportation, hotels, and guided tours included. Details vary and are subject to change. Planned destinations are Bilbao and San Sebastian; Porto; and Valencia.

Cost
Studying abroad is approximately $3,000 more than taking the same classes in College Station during the summer.

In College Station, a 6-credit program is usually done in 10 weeks. Studying abroad allows you to complete the credits faster.

The following are estimates of the total out of pocket expenses a student may have participating in this program.

<table>
<thead>
<tr>
<th>Estimated Program Fee (subject to change) – In Spain</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing, Tours, Excursions, Group Meals, Coordination and Administration, Faculty Expenses, Cultural Insurance Services International (CISI), SAPO Administrative Fee, Miscellaneous</td>
<td>$5,500</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Expenses (not included in program fee)</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition &amp; Fees (in-state resident for 6 credit hours)</td>
<td>$2,100*</td>
</tr>
<tr>
<td>International Airfare</td>
<td>$1,500</td>
</tr>
<tr>
<td>Passport (if not previously obtained)</td>
<td>$145</td>
</tr>
<tr>
<td>Meals (not included in Program Fee)</td>
<td>$500</td>
</tr>
<tr>
<td>Textbooks &amp; Supplies</td>
<td>$200</td>
</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td><strong>$9,945</strong></td>
</tr>
<tr>
<td>COE Competitive Scholarship (guaranteed) for students with a 2.5 GPA at time of application</td>
<td>$1,500</td>
</tr>
<tr>
<td><strong>TOTAL ESTIMATED COST</strong></td>
<td><strong>$8,445</strong></td>
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<tr>
<td>Estimated In-State Resident Costs – In College Station</td>
<td>Cost</td>
</tr>
<tr>
<td>------------------------------------------------------</td>
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</tr>
<tr>
<td>Tuition &amp; Fees (in-state resident for 6 credit hours)</td>
<td>$2,100*</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>$2,500</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td>$200</td>
</tr>
<tr>
<td>Travel</td>
<td>$120</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>$500</td>
</tr>
<tr>
<td>Personal Spending</td>
<td>Varies</td>
</tr>
<tr>
<td><strong>TOTAL ESTIMATED COST</strong></td>
<td><strong>$5,420</strong></td>
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*Check Student Business Services website (http://sbs.tamu.edu) for exact tuition/fee as it varies per student.

Scholarships

There are two university level scholarships available to students:

- **By applying:** The Office of Scholarships and Financial Aid offers scholarships based on merit and financial need. Applications are available through the university’s scholarship website (below). The Continuing Student Scholarship application opens Nov. 1, 2015 and closes at 11:59 p.m. Feb. 1, 2016. [https://sfaid.tamu.edu/uwideapp](https://sfaid.tamu.edu/uwideapp)

- **Guaranteed:** The Dwight Look College of Engineering will guarantee every student with a GPR of 2.5 or higher at the time of application a $1,500 scholarship. There is no need to apply for the engineering scholarship, it is automatic if students meet all of the requirements listed below:
  - Have a 2.5 or higher GPA at time of application
  - Satisfy the course requirements for admission
  - Be admitted and confirmed to the program by Feb. 15, 2016
  - Attend the Increasing Your Cultural IQ Workshop before departing

Financial Aid

Federal and state financial aid and some scholarships may often be used toward the cost of TAMU study abroad programs. If you have any other questions, please contact the Office of Scholarships & Financial Aid (2nd Floor Pavilion) or (979) 845-3236.

For complete information on funding opportunities, please visit the Study Abroad Program Office for financial resources: [http://studyabroad.tamu.edu](http://studyabroad.tamu.edu)

For more information and to apply for the program, please visit:

[http://engineering.tamu.edu/global/studyabroad/locations](http://engineering.tamu.edu/global/studyabroad/locations)

Or contact:

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