Belgium Environmental Science & Engineering Study Abroad Program for non-Texas A&M Students

Sponsored by: BAEN Dept.

Summer II 2020
July 1—Aug. 7, 2020

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http://abroad.tamu.edu

ACADEMIC INFORMATION

Engineering Students:
- BAEN 465 Design of Biological Waste Treatment Systems
- BAEN 477 Air Pollution Engineering

All students must register for 6 credit hours to participate in this program.

APPLICATION PROCESS:
- Apply online at: http://studyabroad.tamu.edu
- Get approval from your Dept. Head at your home university
- Apply to Texas A&M as a transient summer student
- Enroll in Texas A&M classes
  - BAEN 465 and BAEN 477
  - Consult your academic advisor first!
- Request transfer credit from Texas A&M to your home university
- Attend 2 pre-departure meetings via video conference in April

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CONTACTS

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non-Texas A&M Students

Courses:
- Engineering Students:
  - BAEN 465 Design of Biological Waste Treatment Systems
  - BAEN 477 Air Pollution Engineering

Eligibility Requirements:
- Approval by Dept. Head at your university
- Junior or senior classification
- Good academic standing
- Approval of TAMU study abroad leaders

Note:
- All students must register for 6 credit hours to participate in this program.

The “low” countries of Belgium and the Netherlands are among the leaders in the world in the recycling of wastes and the development of alternative waste treatment methods as well as air quality engineering. In this 5-week program, students will learn about wastewater treatment technologies and engineering methods to protect air quality. Students will compare U.S. and European environmental practices and policies.
ABOUT THE PROGRAM

The Belgium Environmental Science and Engineering program is held at the Katholieke Universiteit Leuven which is located approximately 30 km east of Brussels in the city of Leuven. K.U. Leuven was established in 1425 and it is now a modern, world-class university with excellent facilities. Leuven is a student-oriented city with a cosmopolitan atmosphere and many cafés and restaurants. The city is compact and very conducive to travel by foot or bicycle. All students will be provided a bicycle for transportation to class and around town.

Activities:
Field trips and seminar speakers will allow students to learn about European environmental practices and policies and compare them to U.S. practices. Field trip sites include the innovative system of sea gates installed by the Netherlands to protect coastal areas from flooding; plants for municipal wastewater treatment, household organic waste composting, and treatment of drinking water; air quality research laboratories for controlling air emissions at animal housing facilities; air quality treatment systems at municipal waste incinerators; air quality systems at facilities that utilize poultry manure for the production of bioenergy. Additional field trip sites will include various methods of processing animal manure to produce value-added products and meet EU requirements for reducing environmental impact. In addition to course activities, students will have four-day weekends to explore Europe on their own. Popular sites include Paris, Amsterdam, München (Munich), Köln (Cologne), London, Berlin and Brussels.

PROGRAM FEES

The following chart estimates the total expenses a student may have participating in this program. Costs are subject to change based upon finalized program arrangements, number of students, and currency exchange rate.

<table>
<thead>
<tr>
<th>(subject to change)</th>
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<tbody>
<tr>
<td>KUL Student Housing &amp; Some Meals</td>
<td>$750</td>
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<tr>
<td>Excursions &amp; Cultural Site Visits</td>
<td>$150</td>
</tr>
<tr>
<td>In-Country Transportation</td>
<td>$500</td>
</tr>
<tr>
<td>CISI International Health Insurance</td>
<td>$50</td>
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<tr>
<td>Study Abroad Administrative Fee</td>
<td>$400</td>
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<tr>
<td>Miscellaneous Expenses (on-site support, bike rental, other)</td>
<td>$400</td>
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<tr>
<td>Portion of Faculty Expenses</td>
<td>$650</td>
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<tr>
<td>Course Fees at Your University*</td>
<td>Varies</td>
</tr>
<tr>
<td>International Airfare</td>
<td>$1,500</td>
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<tr>
<td>Meals (not included in program fees)</td>
<td>$625+</td>
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<tr>
<td>Passport &amp; Pictures</td>
<td>$145</td>
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<tr>
<td>Varies</td>
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*Please speak with your academic advisor and/or professor to determine what classes at your home university will substitute for the two Texas A&M classes on the program. Please note that students are not able to audit the courses.

FUNDING

Students fund their study abroad experience using multiple sources. Scholarships are very competitive. Look carefully at the deadlines and eligibility requirements. You must consult with your home university’s Study Abroad and/or Financial Aid Advisor regarding scholarships and financial aid options.

- From home department and university
- From Local / National Organizations
- Grants
- Loans
- Parents and Extended Family
- Employer
- Religious Community
- Cultural or Ethnic Organizations
- Businesses in Hometown
- Professional Associations
- Online Fundraising Websites such as www.gofundme.com or www.fundmytravel.com.