Overview

- benefits of study abroad
- factors to consider
- engineering programs
- resources
➢ University’s Global Travel and Risk Assessment Committee (GTRAC) continues to monitor global pandemic

➢ Visit brown.edu/oip for Study Abroad COVID-19 FAQ’s and updates

➢ OIP staff are currently working a hybrid schedule

➢ Contact us at OIP@brown.edu for assistance
Why study abroad?

❖ Step out of your comfort zone
❖ Broaden your worldview
❖ Enhance language skills
❖ Explore academic interests
❖ Build an international network
Eligibility

- good academic & judicial standing
- declared concentration
- valid passport
When to go abroad

➢ Sophomore, junior, or senior year

➢ No one-size-fits-all approach

➢ Consider length of program, concentration requirements & semester

➢ Compare academic calendars; program schedules vary across regions

➢ Keep in mind timelines for summer internships, research placements, and recruiting seasons
Academics Abroad

❖ Attend local universities and/or study centers
❖ Learn alongside U.S., international, and/or local students
❖ Earn general credit and/or concentration credit
❖ Participate in research or a “GLISP”
❖ Discuss plans with concentration advisor
Credits & Languages

- Must take full course load abroad

- All courses must be taken for a letter/numerical grade

- All courses return as Brown study abroad transfer credit (S/NC)

- Brown has language requirements for certain programs; check the OIP website
Engineering & STEM-focused Programs

**FRANCE:** CentraleSupélec - *Engineering*

**FRANCE:** Ecole Polytechnique - *Math focus, with second area in Physics, Economics, Computer Science*

**HUNGARY:** AIT Budapest - *Computer Science & Software Engineering*

**SPAIN:** University of Cantabria - *Engineering & Physics*
CENTRALESUPÉLEC
Gif-Sur-Yvette, France

➢ 35 km outside of Paris (near Ecole Polytechnique)

➢ Coursework in energy science, computer science and electrical engineering, mathematics, mechanical and civil engineering, physics, chemical engineering, and industrial engineering, management and economic systems. Coursework taught in English or French.

➢ No French requirement; FREN 0100 or FREN 0200 recommended. 3-week intensive French course and orientation in Vichy (3-hour train ride from Paris).

➢ Enroll in 30 ECTS taken at Centrale during semester, including a required French as a Foreign Language course.

➢ Students live in single rooms in student residence halls at Centrale
ECOLE POLYTECHNIQUE

Palaiseau, France

➢ 35 km outside of Paris (near CentraleSupelec)

➢ Students directly enroll alongside the cohort in Polytechnique’s Bachelor of Science program, which is designed for students with a strong interest in mathematics and science. Choose courses from the following double majors: Mathematics and Computer Science, Mathematics and Economics, Mathematics and Physics. All coursework is taught in English.

➢ No French requirement; FREN 0100 or FREN 0200 recommended

➢ 3 or 4-week intensive French course and orientation in Vichy; enroll in 30 ECTS at Polytechnique including a required French as a Foreign Language course for credit

➢ Students live in single rooms in student residence halls at Polytechnique
Designed for students in computer science, software engineering, and related fields.

Integrates foundational courses in computer science, creative design, and entrepreneurship with advanced applications courses in areas such as computational biology, mobile software development, and cryptography.

Coursework taught in English; required Hungarian language course. Also offers humanities courses related to Hungary’s rich cultural heritage. 10–20 students typical class size.

Extracurricular activities offered to explore historic heritage and contemporary cultural life of Budapest and the region.

AIT facilitates housing in single occupancy bedroom apartments and studios.
UNIVERSITY OF CANTABRIA

Santander, Spain

- Northern coast of Spain; next to Bilbao
- No Spanish requirement; HISP 0100–HISP 0200 is recommended
- Geared towards engineering & physics concentrators
- Two-week intensive Spanish course; 1 Spanish language course; 2 engineering courses & 1 culture course, all in English
- Shared apartments with local and other international students
Where else have Engineering/CS concentrators studied abroad?

Please note that students did not necessarily fulfill engineering/CS requirements in these programs.

Australia
Chile *(requires HIS 0600)*
China *(petitioned program)*
Cuba *(requires HIS 0600)*
Denmark
France *(Paris, requires FREN 0600)*
Hong Kong
Ireland
Italy *(Bologna, requires ITAL 0300)*
Israel
Japan *(requires JAPN 0400-0500)*
Jordan
Multi-Country *(thematic programs)*
Netherlands
New Zealand
Spain *(may require HIS 0600)*
South Africa
South Korea
Sweden
United Kingdom
Study abroad programs with highest enrollment by Engineering/CS concentration/degree*

- A.B. Engineering
  University of Cantabria

- Biomedical Engineering
  University of Cantabria

- Chemical Engineering
  University of Cantabria

- Computer Science
  UK Direct Enrollment
  AIT Budapest
  Brown in Paris

*Data from fall 2015-spring 2020
Study abroad programs with highest enrollment by Engineering/CS concentration/degree*  

- **Electrical Engineering**  
  University of Edinburgh

- **Environmental Engineering**  
  UK Direct Enrollment  
  University of Cantabria

- **Materials Engineering**  
  Brown in Hong Kong

- **Mechanical Engineering**  
  University of Cantabria

*data from fall 2015-spring 2020
Considerations for Engineering/CS concentrators studying abroad...

❖ You may need to make arrangements to complete labs at Brown to supplement courses taken abroad.

❖ It may be easier to transfer in a core course than an upper-level concentration requirement.

❖ Engineering students often find that their third, fourth, or fifth semester work best, but many Engineering concentrators study later.

❖ You must complete the Engineering Transfer Credit Approval Request Form if you would like to use a study abroad course for Engineering concentration credit.
Funding your semester abroad

➢ Plan ahead and reach out to OIP advisor with questions and/or concerns

➢ Attend an OIP and Office of Financial Aid information session for more information

➢ Keep in mind:
  ○ Financial aid travels with you
  ○ You pay Brown tuition for all programs
  ○ Housing, meals, airfare, and other expenses are in addition to tuition, and costs will vary
  ○ Some locations are more expensive, and others less expensive

➢ External scholarships are available to you
Explore programs

Reflect on your goals

Connect with peers

San Sebastián, Spain | George Kubai, Spring 2020

London, United Kingdom | Bella Cavicchi, Fall 2019

Katmandu, Nepal | Emma Chow, Spring 2020
1. Create an account at brown.via-trm.com and start exploring programs!

2. Once you’ve narrowed down programs, set up a meeting with one or more OIP advisors.

3. Submit an OIP application for your desired program. Please note:
   - You may also need to complete an external application; refer to program website.
   - You can apply to only one program per term (e.g., one program for the fall and one program for the spring).
   - Application deadlines vary by program. For example, some may be the semester before going abroad, and others may be a year before; in addition, some programs may review applications on a rolling admissions basis. Please check the OIP website for more details. Early planning is key!
Check out the Brown Events Calendar and the OIP website for upcoming events!
Make study abroad work for you!

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Study Abroad & Engineering

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