Boston University Study Abroad

HEALTH SCIENCE, SCIENCE, AND ENGINEERING ABROAD
Study Abroad with Boston University

Boston University Study Abroad offers health science, science, and engineering students the unique opportunity to study or intern in leading global centers of research and innovation. Without extending their undergraduate time, students can spend a semester immersed in a different culture while fulfilling core requirements towards their degrees.

From interning in a health-related organization in Geneva, Switzerland to a ten-day guided excursion to the Galapagos Islands, to studying organic chemistry in Dresden, Germany, students have the chance to build their professional careers with international experience. All coursework is fully approved by BU and in most cases the language of instruction is English. Upon successful completion of a program students will earn from 12 to 20 Boston University credits.

Boston University’s science and engineering programs abroad offer:
- Exposure to cultures in preparation for technical careers in the global economy
- The chance to develop competence in a foreign language
- Professional experience through internship opportunities at several locations
- A Boston University transcript and full progress towards a degree

Admissions
Admission to a Boston University Study Abroad program is based on the following: language requirements (where applicable), good academic standing, essay, demonstrable communication skills, maturity, references, and in some cases a 3.0 GPA requirement.

For more information and to apply, visit bu.edu/abroad/apply.

Program Dates
Most of the health science, science, and engineering programs are offered either fall or spring semester. Summer study abroad opportunities are also available in many locations. Visit bu.edu/abroad/summer for more details.

Application Deadlines
Fall Semester: March 15
Spring Semester: October 15*
:Dresden Engineering Program: October 1
:Geneva Physics Program and Geneva Internship Program: September 1

Program Cost
All program fees (excluding exchanges and consortia) include tuition, housing, orientation, administrative fees, emergency travel assistance coverage, and internship placement where applicable. Some program fees also cover airfare and meals. Financial aid is available.
Dresden Science Program

The Dresden Science Program offers students a rare opportunity to earn US university credits toward their chemistry, biology, biochemistry, or molecular biology tracks, while studying in an advanced international environment and one of eastern Germany’s most culturally rich cities.

Students spend the fall semester at the Technische Universität Dresden (TUD). As one of the oldest and most prestigious technical universities in Germany, TUD was recently cited for excellence in bioengineering and biomedicine—the only university in Germany to receive this highly competitive honor in both fields. [tu-dresden.de](http://tu-dresden.de)

The design of the program allows students to take courses that fit neatly into their existing curricula and requirements. In addition to coursework, students will participate in guided field trips to research institutions, industries, and technical museums. Upon successful completion of the program students earn 16 to 18 Boston University credits. All science courses are taught in English.

**Required Course**

Intensive Beginning German

**Elective Courses**

Students choose three of the following courses.

- Organic Chemistry
- Cell Biology
- Statistics
- Sociology of Culture

**Optional Additional Elective Course**

In addition to the required language course and 3, four-credit electives, students may take the following two-credit course for a total of 18 credits.

Introduction to Scientific Research

**Program Dates**

Fall Semester: mid–August – December

---

Grenoble Science Program

Students of science can spend their fall semester in the beautiful alpine setting of Grenoble, France, a high technology center home to the synchrotron particle accelerator and many international research laboratories. This unique program combines science coursework taught in English with French language study at all levels. And the design of the program allows students to take courses that fit neatly into their existing curricula and requirements. Upon successful completion of the program students earn 16 to 18 Boston University credits.

Students enroll in the Université de Grenoble, which dates from the fourteenth century and has a distinguished tradition of excellence in science. [ujf-grenoble.fr](http://ujf-grenoble.fr)

**Required Course**

Intensive Beginning French

**Elective Courses**

Students choose three of the following courses.

- Organic Chemistry
- Cell Biology
- Statistics
- Approaches to Contemporary French Society and Culture

**Optional Additional Elective Course**

In addition to the required language course and 3, four-credit electives, students may take the following two-credit course for a total of 18 credits.

Introduction to Scientific Research

**Program Dates**

Fall Semester: late August – late December

---

Watch the video “Like a Family in Dresden.” [bu.edu/abroad/view](http://bu.edu/abroad/view)
Ecuador Tropical Ecology Program

The Ecuador Tropical Ecology Program offers students a chance to immerse themselves in the language, culture, and ecology of Ecuador—one of the most bio-diverse countries on Earth—through intensive, hands-on research. Participants conduct field-based scientific investigation during a 10-day guided excursion to the Galapagos Islands, a two-week coastal project at Los Piqueros (near Machalilla National Park), and a four-week stay in the Amazon rainforest at the Tiputini Biodiversity Station.

Ecology courses are taught in English by faculty from the Universidad San Francisco de Quito (USFQ) and Boston University’s Department of Biology. USFQ is a private, secular, liberal arts university founded in 1988, with a current undergraduate student body of approximately 3,500.

usfq.edu.ec

Upon successful completion of the program students earn 18 Boston University credits.

Required Courses
- Tropical Montane Ecology
- Tropical Coastal Ecology
- Tropical Rainforest Ecology
- Studies in Tropical Ecology
- Intensive Spanish

Program Dates
- Fall Semester: late August – late December
- Spring Semester: early January – mid-May

Applicants must have taken at least one year of college-level Spanish and biology, and one semester of ecology.

Watch the video “Finding the Galapagos.”

bu.edu/abroad/view
Dresden Engineering Program

Boston University's Dresden Engineering Program, established in 2001, set the standard for engineering programs abroad. Program courses are taught in English by German faculty members at the Technische Universität Dresden (TUD) and allow students to study engineering in an advanced international environment and one of eastern Germany's most fascinating cities. Courses are approved by BU's College of Engineering and College of Arts and Sciences and are designed to fit into engineering students' existing curriculum and requirements. No prior knowledge of the German language is required.

Technische Universität Dresden is one of the oldest and most prestigious technical universities in Germany. It was recently cited for excellence in bioengineering and biomedicine—the only university in Germany to receive this honor in both fields.

tu-dresden.de

Students live as part of the host German student body, have full access to the student life of the university, and participate in guided excursions to German research institutions, technical museums, and companies to examine the past, present and future of engineering technologies. Upon successful completion of a semester students earn 20 Boston University credits.

**Required Courses**

- Intensive Beginning German
- The Social Nature of Technology

**Elective Courses**

Students choose three of the following courses.

- Differential Equations
- Waves and Modern Physics
- Electric Circuit Theory
- Principles of Molecular Cell Biology and Biotechnology
- Linear Algebra
- Energy and Thermodynamics

**Program Dates**

Spring Semester: mid-February – mid-July

Watch the video "Science in Dresden."

bu.edu/abroad/view

Additional Engineering Options

Engineering opportunities may also be available in the following Boston University study abroad programs. Please note those designated with (*) are open to BU students only.

- Auckland Internship Program
- Auckland University Studies Program
- Madrid Engineering Program (Pending Approval)
- Singapore: The National University of Singapore*
- Turkey: Istanbul: Bogazici University*

Grenoble Engineering Program

The new Grenoble Engineering Program offers students the opportunity to study engineering at one of France's leading universities, the Université de Grenoble. Set high in the Alps, Grenoble is one of France's most beautiful cities and is a center of higher education and high tech industry. The program carries no prior language requirement but allows students to engage with French language and culture while continuing regular progress toward their degrees.

The Grenoble Engineering Program is offered spring semester only and is ideally suited to second semester sophomores in all engineering majors. However, students in various science majors such as physics, chemistry, and others are welcome. Upon successful completion of a semester students earn 20 Boston University credits.

**Required Courses**

- French Language
- Approaches to Contemporary French Society and Culture
- Differential Equations
- Electric Circuit Theory

**Elective Courses**

Students choose one of the following courses.

- Modern Physics
- Principles of Molecular Cell Biology and Biotechnology

**Program Dates**

Spring Semester: mid-January – late May
**Dublin Engineering Program**

The Dublin Engineering Program offers students the opportunity to continue their rigorous studies while also experiencing the culture of a fast-paced European metropolis. Enrolling directly in the University of Dublin, the program combines the best of local university study and Boston University’s excellent on-site housing, staff, and activities.

The University of Dublin—or Dublin City University (DCU), as it is known—is one of Ireland’s most prestigious institutions of higher learning, and offers full access to the campus facilities and services. [dcu.ie/info/about.shtml](http://dcu.ie/info/about.shtml)

Upon successful completion of the program students earn 16 Boston University credits.

**Required Courses**

- Modern Irish Literature

**Engineering Courses**

Students choose three engineering courses from DCU’s course offerings.

**Program Dates**

- Fall Semester: early September – mid-December (Final exams given in January in Boston.)

---

**Sydney Engineering Program**

Engineering students can also opt to study in the beautiful cosmopolitan city of Sydney, Australia, one of the hubs of the Pacific Rim. Enrolling directly in the University of Sydney, the program combines the best of local university study and Boston University’s excellent on-site housing, staff, and activities.

The University of Sydney—or Sydney Uni, as it is known—is one of Australia’s most prestigious institutions of higher learning, and offers full access to the campus facilities and services. [usyd.edu.au](http://usyd.edu.au)

Upon successful completion of the program students earn 16 Boston University credits.

**Required Course**

- Australian Culture and Society

**Engineering Courses**

Students choose three engineering courses from University of Sydney’s course offerings.

**Program Dates**

- Fall Semester: mid-July – late November
- Spring Semester: early January – late June

---

**Tel Aviv Engineering Program**

Students spend the spring semester studying at Tel Aviv University (TAU), located in Israel’s largest city. Engineering and science courses are taught in English by TAU faculty so no prior knowledge of the Hebrew language is required. Upon successful completion of the program students earn 18 to 22 Boston University credits.

Tel Aviv University is a world-class, comprehensive university with a major emphasis on engineering. With more than 28,000 full-time students, Tel Aviv University is Israel’s largest academic institution. The TAU School for Overseas Studies facilitates the integration of students into the Israeli and international student body, coordinating a wide range of cultural and social activities. [telavivuniv.org](http://telavivuniv.org)

**Required Courses**

- Hebrew Language Course
- Humanities or Social Science Course

**Elective Courses**

Students choose three of the following courses.

- Differential Equations
- Waves and Modern Physics
- Electric Circuit Theory
- Principles of Molecular Cell Biology and Biotechnology

**Program Dates**

- Spring Semester: late January – mid-June

---

**Dublin Engineering Program**

The Dublin Engineering Program offers students the opportunity to continue their rigorous studies while also experiencing the culture of a fast-paced European metropolis. Enrolling directly in Dublin City University (DCU), experiencing the academic benefits of a world class European engineering school. A modern and fast-growing university, DCU is situated on an 85 acre campus three miles north of Dublin’s city center. [dcu.ie/info/about.shtml](http://dcu.ie/info/about.shtml)

Upon successful completion of the program students earn 16 Boston University credits.

**Required Courses**

Students choose one of the following courses.

- Modern Irish Literature
- The Arts in Ireland

**Engineering Courses**

Students choose three engineering courses from DCU’s course offerings.

**Program Dates**

- Fall Semester: early September – mid-December (Final exams given in January in Boston.)
Dublin Internship Program

Students in the health science fields, from pre-medical to public health to physical therapy/occupational therapy to nursing, have the opportunity to study in Dublin, Ireland. The Dublin Internship Program offers a specialized health track during the fall semester that combines a professional internship with coursework on medical ethics and various aspects of Ireland’s dynamic history and contemporary culture.

The program is based at Dublin City University (DCU), a modern and fast-growing university situated on an 85 acre campus three miles north of Dublin’s city center. [dcu.ie/info/about.shtml](http://dcu.ie/info/about.shtml)

Upon successful completion of the program students earn 16 Boston University credits.

Geneva Internship Program

Boston University’s Geneva Internship Program features a dedicated track in public health. Students in this track study contemporary issues in international public health, and gain invaluable international professional experience by interning in one of the many Geneva-based organizations. All courses are taught by local faculty in English (except for the French language classes). Upon successful completion of the program students earn 16 Boston University credits.

**Required Courses**

- Principles of International Health
- Controversies International Health

**Elective Courses**

- Caesar to Corbusier: The History of Switzerland through its Art and Architecture
- Beginning French I
- Intermediate French I
- Advanced French I

**Internship**

All students complete a four-credit internship in health and human services.

**Program Dates**

- Fall Semester: late August – mid-December
- Spring Semester: mid-January – late-April

Watch the video “Health Care from Geneva.” [bu.edu/abroad/view](http://bu.edu/abroad/view)

Additional Health Science Options

Health science opportunities may also be available in the following Boston University study abroad programs:

- Auckland Internship Program
- Auckland University Studies Program
- Dresden Science Program
- Dublin Internship Program (Summer)
- Grenoble Science Program
- London Internship Program
- Madrid Internship Program
- Niamey International Development Program
- Paris Internship Program
- Sydney Internship Program

HEALT SCIEnCE
Featured Programs

Auckland, New Zealand
Dresden, Germany
Dublin, Ireland
Geneva, Switzerland
Grenoble, France
Quito, Ecuador
Sydney, Australia
Tel Aviv, Israel