

STUDY ABROAD IN ENGINEERING AND COMPUTER SCIENCE

Aerospace Science and Engineering ◊ Biochemical Engineering ◊ Biological Systems Engineering ◊ Biomedical Engineering ◊ Chemical Engineering ◊ Civil Engineering ◊ Computer Engineering ◊ Computer Science and Engineering ◊ Computer Science ◊ Electrical Engineering ◊ Materials Science and Engineering ◊ Mechanical Engineering



WHY STUDY ABROAD?

- ⇒ **Prepare** for a career in an internationally competitive world
- ⇒ **Participate** in laboratory research, internships and coursework not available at UC Davis
- ⇒ **Apply** your studies to the international field where there is a practical need for engineers
- ⇒ **Enhance** your resumes and/or applications for graduate school

HOW DO I BEGIN?

CONSIDER YOUR ACADEMIC GOALS

While abroad, would you want to:

- fulfill major or minor credit;
- gain marketable skills by doing lab research or an internship;
- improve a second language;
- take GEs, earn the Global and International Studies (GIS) minor.

PLAN EARLY

- Deadlines vary by program and are 3 - 9 months in advance.
- The sooner you plan, the more program (and funding) options available.

TALK TO YOUR MAJOR ADVISOR

Meet with your major advisor to discuss:

- what courses to take abroad;
- when is best to go for your major;
- what you will need to complete upon returning.

TALK TO A STUDY ABROAD ADVISOR

- Study Abroad has over 400 programs. Let us help you find the one for you!

DID YOU KNOW?

Only 4% of undergraduate engineering majors in the world are from the USA. There's a lot of international Engineers out there!



~**16%** of all UC Davis undergraduate majors are engineering or CS students.

65 Engineering and CS students went abroad last year

5.4% of students that went on a UC Study Abroad Program last year are engineering or CS students

CAN I AFFORD IT?

Financial aid goes with you. Make an appointment with our Study Abroad Financial Aid advisor by calling 752-5763 once you choose a program.

Scholarships are available. Additional scholarships for those in STEM majors.

<https://studyabroad.ucdavis.edu/resources/funding>

Sample Programs for Engineering and Computer Science Students

* The following programs are suggestions. Many more programs are available that are not listed here. Visit our website to explore all options.



UC Davis Study Abroad offers 60+ faculty-led programs. Program options: Quarter Abroad, Summer Abroad, Internships Abroad, Seminars Abroad, and USA Study Programs. Programs range from 2-16 weeks. Receive 2-28 units straight from the UC Davis course catalog. Examples:

Thermodynamics in the Land of Fire and Ice (Iceland) – Summer, ENG 105 Thermodynamics, ENG 198

From the geothermal heating to thundering waterfalls, you will experience thermodynamics in a very real way.

Engineering Internships in Sydney, Australia or Barcelona, Spain – Summer, EAP 192, ENG 198

Placements are customized according to student's experiences, career goals, interests and skills, and are available at large and small companies in a variety of areas, including Environmental Science, Urban & Design, Chemical, Electrical, Mechanical, Food, and more.

UK—Organic Chemistry (Nottingham) – Fall, CHE 128A, 128B, 128C, 129A, 198

Complete a key UC Davis organic chemistry sequence in just one quarter and explore the rich history and culture of England.

Pharmaceutical Chemistry (Taipei) – Spring, CHE 130A, 130B, 130C, 150, 198, 199

On this specialized program, you'll explore Taipei, earn UC Davis chemistry units, and participate in optional research internships at Academia Sinica.

Engineering in Germany—UC Davis Exchange Program – Summer, Tracks in Chemical or Mechanical and Aerospace Engineering

This exchange program with renowned RWTH Aachen University in Germany. Take UC Davis classes toward your Engineering major or minor as an exchange student in Germany during RWTH Summer Semester.

Greece, Writers in Greece – Summer, UWP 101, 198

Satisfy your upper division writing requirement while learning about Greece's vibrant culture and traveling to many beautiful and historical sites.

Quarter Abroad Internships and Writing (Australia) – Fall, UWP 110, 198 & EAP 192

UWP courses with a 6-unit internship in almost any field. Immerse into this iconic city while completing an internship in computer science.



UC Education Abroad Program (UCEAP) is open to the entire University of California system. Our UC-approved programs offer UC credit, grades, and financial aid. There are 100+ UCEAP programs available in these majors. Examples:

UCEAP Israel, Institute of Technology, Technion/Neubauer Semester (Spring only)

The Neubauer American Study Abroad Semester includes an internship plus academic course work and extracurricular activities in one of three tracks: Engineering and Science; Entrepreneurship and Innovation; and Industrial Design.

UCEAP UK, Imperial College London

This year-long program is open to Engineering and Computer Science majors only. Unique course available in Material Science & Computer Science, and Chemical, Civil, Electrical, and Mechanical Engineering.

UCEAP Singapore, Science & Engineering Internship, Agency for Science, Technology & Research (Summer)

Apply for this high-level internship opportunity to assist in cutting-edge research under international scientists on national research projects.

UCEAP UK, University of St. Andrews, Scotland

Study at the University of St Andrews and experience world-class teaching, cutting edge research and the flexible degree structure of Scotland's first university.

UCEAP Spain, Pompeu Fabra University (Winter, Spring)

Study International Business and Economics in English at one of Spain's most up-and-coming public universities.

MORE OPTIONS & NEXT STEPS

- Visit the **Major Advising Pages** to see programs for your major: <https://studyingabroad.ucdavis.edu/academics>
- Try out the "Study Abroad Builder" advanced program search for more UCEAP programs: <http://eap.ucop.edu>
- Visit us! Let us help you find the right program for you.