STUDY ABROAD IN: PHYSICAL SCIENCES AND MATHEMATICS


WHY STUDY ABROAD?

⇒ Prepare for a career in an internationally competitive world
⇒ Participate in laboratory research, fieldwork and coursework not always available at UC Davis
⇒ Apply your studies to the international field where there is a practical need for your expertise
⇒ Enhance your resume and/or application 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!

PICTURE YOURSELF HERE...

You’re fulfilling Physics major requirements by taking classes from Sweden’s Lund University Physics department; classes not offered at UC Davis like Nuclear Physics and Reactors and Multi-spectral Imaging, all taught in English. What will you do this weekend? How about travel to Switzerland and tour the CERN laboratory?

~8% of all undergraduate majors are Physical Science or Math Students.

49 Physical Science students went abroad last year. Your turn!

4.4% of students that went on a UC Study Abroad Program last year are Physical science or math students. Set yourself apart with international experience!

CAN I AFFORD IT?

Financial aid goes with you. Make an appointment with our Study Abroad Financial Aid advisor by calling 530-752-5763 once you choose a program.

Scholarships are available. Additional scholarships for those in STEM majors. http://studyabroad.ucdavis.edu/students/finances.html
Sample Programs for Physical Sciences and Mathematics 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 new USA Study Programs. Programs range from 2-16 weeks. Students 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 & 198  
  From the geothermal heating to thundering waterfalls, you will experience thermodynamics in a very real way. Prerequisites can be waived.

- **Bhutan—Introduction to Geographic Systems** – Summer, LDA/ABT 150 & 198  
  Learn how to use geographic information systems (GIS) in the peaceful, culturally rich, and biodiverse country of Bhutan in the Himalayan Mountains, where progress is measured in Gross National Happiness.

- **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 in Taipei** – Spring, CHE 130A-C, 135, & more: Pharmaceutical Chemistry series, advanced lab, & more  
  Complete a full year of pharmaceutical chemistry and internships at one of the top 20 research institutions in the world.

- **Internships in Sydney (Fall) or London (Spring)** – UWP or English courses with a 6-unit internship in almost any field. Immerse into these iconic cities for 10+ weeks while completing an internship in Stats, geology, physics, math or more.

**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 Taiwan Summer, Lab Research, Engineering & Science, National Taiwan University**  
  Engage in a lab research program at state-of-the-art engineering or science laboratories. Excursion, cultural activities, sports facilities, and housing all included.

- **UCEAP Singapore Summer, Science & Engineering Internship, Agency for Science, Technology & Research**  
  Apply for this high-level internship opportunity to assist in cutting-edge research under international scientists on national research projects.

- **UCEAP UK, University of Edinburgh**  
  The School of Mathematics at Edinburgh is excellent and has been rated highly in Pure Mathematics, Applied Mathematics, Statistics, and Operational Research.

- **UCEAP Hong Kong, Hong Kong University of Science and Technology**  
  The school of Science offers programs in physics, math, and more all taught in English. The school emphasizes scientific studies in areas of technological importance.

- **UCEAP Sweden, Lund University**  
  Many excellent courses are offered in English in math and physical sciences. Lively college town environment in a charming medieval city.

- **UCEAP Japan, Lab Research, Osaka University**  
  Participate in full-time research within a Japanese lab team, on cutting-edge topics related to your UC field of study while choosing from a selection of science coursework taught in English.

**MORE OPTIONS & NEXT STEPS**

- Visit the **Major Advising Pages** to see programs for your major at [http://studyabroad.ucdavis.edu/academics](http://studyabroad.ucdavis.edu/academics)

- Try out the “Study Abroad Builder” advanced program search for more UCEAP programs at [http://eap.ucop.edu](http://eap.ucop.edu)

- Visit us! Let us help you find the right program for you.

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