STUDY ABROAD IN:
PHYSICAL SCIENCES AND MATHEMATICS

Applied Mathematics · Applied Physics · Chemical Physics · Chemistry · Geology · Mathematical Analytics · Mathematical and Scientific Computation · Mathematics · Pharmaceutical Chemistry · Physics · Statistics · Science & Technology Studies

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?
DEFINE YOUR ACADEMIC GOALS
While abroad, would you want to:
• fulfill major or minor credit;
• do lab research or an internship;
• master a second language;
• take GEs or something just for fun?

PLAN EARLY
• Deadlines vary by program and are 3 to 9 months in advance
• The sooner you plan, the more options you have.

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 return

TALK TO A STUDY ABROAD ADVISOR
• Study Abroad has over 400 programs. Let us help you find the perfect one!
• Contact us at 530-752-5763 or studyabroad@ucdavis.edu

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?

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.

~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!

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.

**UC Davis Summer Abroad** courses are 4 weeks and taught by UC Davis faculty. Students receive 8 units for two courses from the general catalogue. Examples include:

Thermodynamics in the Land of Fire and Ice – ENG 105 & 198 Thermodynamics & Directed Group Study

Geology buffs can get up close and personal with the dynamic Icelandic landscape. Prereqs can be waived.

**UC Davis Quarter Abroad** courses take place during fall or spring quarter and are taught by UC Davis faculty. Students receive 13-24 units for four to six courses from the general catalogue. Four programs in these majors. Examples include:

Pharmaceutical Chemistry in Taipei – 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.

**UC Education Abroad Program (UCEAP)** courses are one summer, semester or full year at world-renowned universities. All courses are UC units, but students must discuss major credit with their department. 100+ programs available in these majors. Examples include:

UCEAP Turkey, International Summer School, Bogazici

Take classes in statistics, chemistry, and physics in the historical city of Istanbul.

UCEAP Taiwan, Lab Research, Engineering & Science, National Taiwan University

Engage in a lab research program at state-of-the-art laboratories.

UCEAP UK, University of Edinburgh

Opportunity to study at one of the UK’s most established universities, alma mater of Charles Darwin, Alexander Graham Bell, James Hutton (founder of modern geology) and Daniel Rutherford (discovered nitrogen).

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 in beautiful old town in the South of Sweden.

UCEAP Japan, Tohoku or Osaka University

Conduct research in laboratories while choosing from a selection of science coursework taught in English.

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**MORE OPTIONS EXIST!**

- 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)
- Check out goabroad.com or studyabroad.com for non-UC options and come talk to an advisor.