



## COLLEGE OF SCIENCE AND MATHEMATICS

Biochemistry, Biological Sciences, Chemistry, Kinesiology, Mathematics, Microbiology, Physical Science, Physics, and Statistics

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### International Opportunities

The following programs are recommended for College of Science and Math students:

1. The **CSU International Programs (IP)** [www.calstate.edu/ip](http://www.calstate.edu/ip)  
CSU IP gives students the opportunity to take coursework in their academic major and pay Cal Poly fees. For more information contact Associate Director of IEP, Monica Schechter, in the Study Abroad Office, 38-106, or call 756-5964 or email [mschecht@calpoly.edu](mailto:mschecht@calpoly.edu)  
College of Science and Math students have the following options for year-long programs:

#### France

The CSU International Program offers two study abroad locations in France: Aix-en-Provence and Paris. All participants will participate in an introductory program of intensive French prior to the start of the regular academic year.

The city of Aix-en-Provence is situated in the southeastern region of France, just 18 miles north of Marseille, the busiest French seaport on the Mediterranean. Aix's history dates from pre-Roman times, and the city has long been regarded as a center of art and learning. The academic program in Aix is centered around language study, with availability of social science electives, depending on language ability. Students with fluency in French may also be able to take math courses in the regular university in Marseille.

Paris, one of the great cities of the world, is home to 2.2 million inhabitants and is the political and cultural capital of France. The IP program in Paris is designed for advanced students (defined as students who have completed a minimum of 4 semesters of college-level French) who will enroll in a course of study within the regular departments of the appropriate University of Paris. Students from the College of Natural Science and Mathematics, who have sufficient language skills, can take courses in Physics, Zoology, Mathematics, Biology, and Chemistry.

#### Germany

Participate in the CSU IP Program at one of the institutions of higher education in Baden-Württemberg, the third largest state in Germany. Because the CSU is affiliated with a number of different universities in Germany, students from a wide range of academic disciplines can pursue coursework in their major at one of the many and varied institutions of higher education included in the program.

Germany's economy is built on a foundation of expertise in science and technology, and supports a high standard of living. Science and mathematics courses are offered at a number of our partner institutions in Germany.

Students are encouraged to study as much German as they can before participating in the program but may start with as little as one semester of German. After a semester of intensive language study in Tübingen, they may qualify to take courses in their academic majors during the second semester. Of course, students with more advanced German language skills will have more opportunities to take major-related courses.

### **Ghana**

The University of Ghana, Legon provides a variety of courses and academic experiences for students. English is the predominant language of instruction. The academic program integrates study abroad students into regular university courses in a wide range of disciplines, including Biological Sciences. The university has a highly respected Institute of African Studies.

### **Mexico**

The IP Program is affiliated with the Querétaro campus of the *Instituto Tecnológico y de Estudios Superiores de Monterrey* (ITESM). The campus at Querétaro has a student body of approximately 3,000 and offers 22 different majors. Two programs are offered for CSU students: the "Learn Spanish" program, which focuses on the rapid acquisition of the Spanish language, and the ITESM Querétaro program, which permits students with more advanced language skills to take regular university courses taught in Spanish. Courses in Chemistry, Mathematics, Natural Resources, and Physics are available in Querétaro.

### **South Africa**

Students who want to gain experience with a wide diversity of cultures and languages can enroll at the Nelson Mandela Metropolitan University, located on the southeastern coast of South Africa. NMMU is renowned for its work in Marine Ecology and environmental management.

### **Sweden**

Sweden is the largest of the Nordic countries in area, population and industrial output, with an economy that supports one of the world's highest standards of living. Uppsala University was founded in 1477 and is the oldest of Sweden's six universities. The university's world-famous scientists include Carl von Linné, father of botanical systematics, and Anders Celsius, inventor of the 100-degree temperature scale. Today the university enrolls over 25,000 students in a wide variety of disciplines.

Sweden as a nation and Uppsala University in particular have long been known for the quality of their scientific research and teaching. For this reason, the opportunity for CSU students to pursue in-depth study at Uppsala University's Biochemistry Institute is particularly exciting. Currently, studies in Biochemistry, Freshwater Ecology (Limnology), and Mathematics are available for CSU students.

### **United Kingdom**

The IP Program in the United Kingdom permits qualified CSU students to enroll directly in a British university and gain the personal experience of being fully integrated into the life of the host institution and community.

In Britain, university students concentrate their studies in one field. Therefore, IP participants must be prepared to do all of their studies within their academic major while in the UK. Students can take courses in Biological Sciences, Chemistry and Physics at the University of Bristol, the University of Hull, the University of Bradford, and the University of Sheffield.

## 2. Other Cal Poly's Faculty-led Quarter Abroad Programs

Cal Poly has a variety of quarter abroad programs that are intended for students of **all majors** and usually provide many general education (GE) course options for students, including the following programs:

### **Australia Study Program**

<http://australiastudy.calpoly.edu/>

The Australia Study program is a one quarter off campus study program led by Cal Poly faculty on the North Terrace Campus of the University of Adelaide in Adelaide, Australia. The program is offered during Winter Quarter and students may obtain 12 to 16 units of Cal Poly credit. The study program includes 8 weeks of classes with weekly fieldtrips. Students will have two weeks of independent travel time at the end of the program. For further information contact the Pacific Programs Director, Richard LeRoy, at (805) 756-7321 or email [rleroy@calpoly.edu](mailto:rleroy@calpoly.edu). Information and applications for the winter 2010 program will be available in January 2009.

### **Cal Poly at Sea**

<http://cpatsea.calpoly.edu/>

Cal Poly and the California Maritime Academy (CMA) jointly sponsor Cal Poly at Sea. Participants live and study with cadets from CMA aboard their training ship, T.S. Golden Bear, a 500 ft. ex-Navy oceanographic vessel. Students take Cal Poly courses with Cal Poly faculty. While on board, students participate in ship duties, attend classes, and find time for sunbathing on the helo deck. The chartered course of the Cal Poly at Sea Cruise rotates according to a three-year cycle, each time visiting a different region of the Pacific. The South Pacific cruise has made stops in Tahiti, New Zealand, Australia, Fiji, and Hawaii. The South American Cruise includes stops in, Costa Rica, Chile, Cocos Island, and Mexico.. The Asian Cruise often visits Hawaii, the Philippines, China, Hong Kong, Vietnam, Japan, and exotic islands along the way. For further information contact the Pacific Programs Director, Richard LeRoy, at (805) 756-7321 or email [rleroy@calpoly.edu](mailto:rleroy@calpoly.edu).

### **Summer Study in London Program** <http://www.calpoly.edu/~lndnstdy/>

Since 1984, over 2,500 students and 140 faculty have participated in the London Study program. The six-week Study in London Program is offered during the summer quarter. Students and faculty alike immerse themselves in courses that use London as a laboratory. While planned primarily for general education experiences in the arts, humanities, and social sciences, the program draws students from all majors. Courses are enriched by adjuncts and visiting lecturers from British institutions. It is part of the routine to leave the classroom to experience art, music, history, or architecture. Students take numerous field trips visiting London's concert halls, theaters, museums, cathedrals, and halls of government.

Spending time in London as a student is a truly unforgettable experience. London is one of the world's great cultural and economic centers. The city's modern cosmopolitan identity combines a fascinating past with a present of more than 7 million people living, studying, working, and playing in its different areas. The arts, theatre, nightlife, music, and literature are showcased in London. For further information contact the Summer Study in London Program Coordinator, Miriam Rabban, at (805) 756-6161 or email [marabban@calpoly.edu](mailto:marabban@calpoly.edu). Courses offered in summer 2009 are ARCH 320 (C4), HUM 316 (D5), HUM 319, and MUS 324 (C4).

#### **Peru Summer Study Program**

<http://perustudy.calpoly.edu/>

The Peru Study Abroad Program is a five-week academic program offered in summer. Students will travel to Cuzco, Peru and enroll in 12 units of classes. Open to all majors, the program offers three 4 unit courses, one of which is always a Spanish language class and the other two are General Education courses with content on Latin America. The program includes a community-based service learning project and fieldtrips scheduled on the weekends to the Sacred Valley, including Machu Picchu and Lake Titicaca, with a lengthier field trip to the Peruvian Amazon at Manu National Park during the final week. For further information contact the Pacific Programs Director, Richard LeRoy, at (805) 756-7321 or email [rleroy@calpoly.edu](mailto:rleroy@calpoly.edu). Courses offered in summer 2008 are Spanish Course, HUM 310 (C4), and GEOG 370 (D5).

#### **Thai Study Program**

<http://thaistudy.calpoly.edu/>

The Thai Study and Internship Program is a one quarter study program offering a variety of courses for all students. The program is offered during Spring Quarter. Students may obtain up to 16 units of credit. While on the program students travel throughout Thailand and are able to immerse themselves in Thai culture and learn the Thai language. During the program, students will stay in Chiang Mai--the hill tribe region of Thailand, visit Nong Khai--the Issan region in the northeastern part of the county, and spend a month in Bangkok and its surroundings. For further information contact the Pacific Programs Director, Richard LeRoy, at (805) 756-7321 or email [rleroy@calpoly.edu](mailto:rleroy@calpoly.edu).

3. **Study Abroad Affiliation Agreements.** The following affiliated programs provide a variety of Major, Minor, General Education, and Language courses for Business students in more than 30 countries:

#### **AustraLearn**

[www.australearn.com](http://www.australearn.com)

AustraLearn is a leading non-profit provider of study abroad programs to Australia and New Zealand. The 25 Australian, one Fijian, and 8 New Zealand universities that are working with AustraLearn have unique academic programs with the highest standard of service. AustraLearn serves as the liaison with the Australian, Fiji, and New Zealand universities and the home university regarding credit transfer, financial aid, and academic issues. Cal Poly students may be eligible for several scholarship opportunities provided to affiliated universities. For more information contact Associate Director of IEP, Monica Schechter, in the Study Abroad Office, 38-106, or call 756-5964 or email [mschecht@calpoly.edu](mailto:mschecht@calpoly.edu).

**Danish Institute for Study Abroad (DIS)** <http://www.dis.dk>

The DIS program, founded in 1959 and affiliated with the University of Copenhagen, is a non-profit university institution recognized, supported and supervised by the Danish Ministry of Education. DIS offers English language university-level semester, academic-year and summer programs in Copenhagen for American as well as Canadian, Australian, and other international and Danish students. Courses are taught in English by Danish faculty. The objective of DIS is to provide education of a high academic quality, with a high degree of cross-cultural immersion and global skills development. DIS provides programs in Architecture, International Business and Economics, Biotechnology and Biomedicine, European Politics and Society, Psychology and Child Development, and European Culture and History. Students may also create their own concentrations. After completing study at DIS students have the opportunity to do internships, work abroad programs, and volunteer programs across Europe. For further information contact the DIS Coordinator, Monica Schechter, at (805) 756-5964 or email [mschecht@calpoly.edu](mailto:mschecht@calpoly.edu).

**Cultural Experiences Abroad (CEA)** [www.GoWithCEA.com](http://www.GoWithCEA.com)

Cultural Experiences Abroad (CEA) was founded in 1996 to provide international education opportunities for U.S. and Canadian college students of all language levels and majors. Today, CEA sends thousands of students on study abroad programs at multiple universities in 15 countries including Argentina, Australia, China, Costa Rica, Czech Republic, England, France, Germany, Ireland, Italy, Mexico, Poland, Russia, South Africa and Spain. The following program sites are excluded from the affiliation agreement: Sydney, Australia. Eligible students participating in the affiliated programs will be considered for federal financial aid and scholarship opportunities. Visit their website at: <http://www.GoWithCEA.com>. For further information contact Monica Schechter at 805.756.5964 or email [mschecht@calpoly.edu](mailto:mschecht@calpoly.edu).

**University Studies Abroad Consortium (USAC)** [www.usac.unr.edu](http://www.usac.unr.edu)

USAC offers study abroad programs at 38 sites in 24 countries during the Fall, Spring, or Summer terms. Students can choose from a wide range of academic courses offered including art, history, political science, French, German, Spanish and many more. Intensive language classes are offered at all language levels in a variety of countries within Asia, Central America, Europe and South America. For more information contact Associate Director of IEP, Monica Schechter, in the Study Abroad Office, 38-106, or call 756-5964 or email [mschecht@calpoly.edu](mailto:mschecht@calpoly.edu).