

# COLLEGE OF CHEMISTRY CHEMICAL ENGINEERING, CHEMICAL BIOLOGY, AND CHEMISTRY MAJORS STUDY ABROAD



Berkeley Study Abroad  
160 Stephens Hall  
(510) 642-1356  
[studyabroad.berkeley.edu](http://studyabroad.berkeley.edu)

*"Studying in a foreign country in a new environment will teach you a lot not only about that country and the people you will meet there, but also about yourself. Ultimately, you will gain a broader view of your own country and the opportunities that it offers by seeing it from the perspective of people living in different places and dealing with a different set of challenges."*

*Professor M. Majda  
Undergraduate Dean*

College of Chemistry  
Undergraduate Office  
121 Gilman Hall  
[chemistry.berkeley.edu](http://chemistry.berkeley.edu)



The College of Chemistry encourages our Chemical Engineering, Chemical Biology, and Chemistry undergraduate students to add an international dimension to their education by participating in Berkeley Study Abroad (BSA). Study at top universities throughout the world including Hong Kong University of Science and Technology, University of Queensland, Australia, Lund University, Sweden, University of Sussex, England, University of Waikato, New Zealand, and Osaka University, Japan. College of Chemistry majors will find study abroad to be an enriching educational and life experience!

## WHY STUDY ABROAD?

Studying abroad allows our majors to broaden their horizons and gain an international perspective. Students can take advantage of these opportunities to learn about and participate in the developing research in other countries. Study abroad will help students:

- Develop skills that are critical to a science education
- Take advantage of unique academic and experiential opportunities in Chemical Engineering, Chemical Biology and Chemistry
- Participate in a different educational system and get a comparative perspective on the study of Chemistry
- Increase language proficiency
- Improve critical thinking skills
- Experience another culture firsthand
- Develop self-confidence and independence

- Enhance resumes and/or applications for graduate school
- Prepare for a career in an internationally competitive world

## WHEN CAN I STUDY ABROAD?

While it is possible for College of Chemistry students to go abroad at almost any point in their academic careers, the particular semester, summer, or year that you study abroad depends on what courses you plan to take and where you are in your major.

Visit your College of Chemistry advisor in Room 121 Gilman Hall. Your advisor can help you determine when would be the best time to fit an education abroad experience into your academic schedule.

### - PLAN AHEAD! -

Applications typically are due six months to a year prior to the program's start date, and some programs have academic or linguistic prerequisites that must be satisfied in advance. Please check the Berkeley Study Abroad website for application deadlines:  
<http://studyabroad.berkeley.edu/how-to-apply/deadlines>

### - THE COST OF BSA -

Study on BSA can be comparable to the cost of study at UC. In some cases, it is less. BSA participants pay UC fees and continue to receive UC financial aid while abroad. Furthermore, BSA students are eligible for special grants and scholarships from UC, the host country, and other sources.

## WHAT CLASSES CAN I TAKE AND WHERE CAN I STUDY?

College of Chemistry students planning to complete a portion of their major abroad have a wide variety of options. Many of BSA's partner universities have specific Chemistry departments/programs or offer relevant courses through other science departments.



*"Imperial College is considered the "MIT of Europe" one of the highest ranked European universities for science and engineering. Any UC student studying an engineering discipline is eligible to apply through UCEAP. While abroad I was able to take all my major requirements I would have taken back at Berkeley, and I worked part-time in a biofuels research lab on campus. I also took advantage of my free-time to travel around the UK and to other countries in Europe."*

Tiffany Lay, Chemical Engineering Major



*"I studied abroad at the University of Edinburgh in Scotland because of its great reputation in STEM fields and the fact that I'd be in an English-speaking country (languages aren't my strong suit). While it was difficult to adjust to being so far from home, it turned out to be a great opportunity to experience a completely different style of education and meet people from all over the world. By carefully selecting the program to match my needs, I also was able to take classes to fulfill my major requirements, which allowed me to not have to worry about finishing my degree on time. I couldn't recommend studying abroad enough in terms of personal growth and being able to travel and experience so many different cultures, and I encourage everyone to at least consider going abroad during their undergraduate years!"*

Sarah Hull, Chemical Engineering Major

## COLLEGE OF CHEMISTRY STUDENTS ABROAD...

Our students have taken a wide variety of courses all around the world. Some examples are: Marine Biology in Australia, Physical Chemistry in Hong Kong, Kinetics and Catalysis in Scotland, Analytical Chemistry in New Zealand, Chemical Research in Sweden, Nanotechnology in Japan, and numerous language immersion courses in all parts of the globe. You can meet with your College Advisor to determine if your Berkeley Study Abroad courses will satisfy major or college requirements. Keep in mind that this experience may well be worth your time, even if your BSA courses do not fulfill major or college requirements.

### I'M INTERESTED, WHAT ARE MY NEXT STEPS?

College of Chemistry students interested in study abroad through BSA should first research program options on the BSA website (<http://studyabroad.berkeley.edu>) then meet with Shamaya Pellum EAP College Advisor to discuss departmental regulations and the academic planning process. Application information and BSA advising available at the Berkeley Study Abroad Office, 160 Stephen Hall.



### WHAT HAPPENS WHEN I RETURN?

Plan to meet with your College Advisor upon return. It would be helpful to bring back course materials such as syllabi, reading lists, and exams, as these will help when petitioning for major or breadth requirement credit.

*“Study abroad was like starting college again for the second time. In spring semester 2014, I studied abroad at Osaka University in Japan. In April, I arrived in Japan for the first time in my life. I arrived in a country where I didn't know the language, didn't know the culture, and didn't know anyone. By the end of my study abroad, I learned the language, discovered the culture, and made life-long friends from around the world. Study abroad was among my best decisions in college. I'm a chemical engineering student from a low-income family, but that didn't hinder my chances studying abroad. In fact, I was heavily encouraged to do so. Through the UCEAP Scholarship, Gilman Scholarship, and financial aid adjustments, I practically went to Japan at no cost to me except for the airplane ticket. Don't miss your chance to study abroad! When are you ever going to get another chance to culturally immerse yourself in another country for a semester or two? Apply today!”*

Chiao-Chun (Jason) Yang, Chemical Engineering Major