



## Chemistry Major - Education Abroad Advising Guide

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### Why study Chemistry abroad?

- Invest in your future and add value to your degree
- Improve your chances of getting a job and expand career options
- Earn credits towards your degree
- Become more independent and self-confident
- Gain intercultural communication skills and expand your problem-solving skills
- Stand out to employers and prepare you to work in an increasingly diverse world
- Gain new perspective on your field
- Improve your language skills
- Develop a global network of faculty, students, friends, and locals

### How can I afford to study abroad?

Studying abroad does not have to be expensive! VCU offers a variety of program options to fit most students' budgets and the Education Abroad office assists students with identifying and applying for funding. Consider the following:

- **Use what you already have!** Most financial aid and scholarships that you already receive can be used toward study abroad. Other sources of funding may also help: pre-paid tuition plans, veteran's benefits, etc.
- **Scholarships:** There are VCU scholarships to study abroad as well as nationally competitive scholarships. Begin your search on our site and at [StudyAbroadFunding.org](http://StudyAbroadFunding.org) and [DiversityAbroad.com](http://DiversityAbroad.com)
- **Program length:** Per day expenses are often less expensive on semester programs than on summer programs and airfare may cost the same regardless of the length of your stay
- **Program type:** Programs with more structure that include group activities or excursions may be more expensive than exchange programs which include tuition, room, and board.
- **Cost of living:** If you're looking to save money on studying abroad, avoid destinations with a high cost of living like capital cities and popular tourist destinations.
- **What's included?** When considering the cost of a program, determine what the program fee includes...and what it doesn't. Some are almost all-inclusive and will cover the cost of a cell phone, insurance, group excursions and welcome/farewell receptions whereas other programs cover only the basics.

### Notable Funding Opportunities for Chemistry Majors

**Benjamin A. Gilman International Scholarship:** For US undergraduates with Pell Grants; for programs at least 28 days in length; diversity of student and destination is a priority; scholarships up to \$5,000 available; additional \$3,000 available to study critical need languages such as Arabic, Chinese, Turkish, Indic, Korean, Russian, etc.

**Boren Awards for International Study:** For US undergraduates to study in areas critical to US interests including Africa, Asia, Central & Eastern Europe, Eurasia, Latin America, and the Middle East; scholarships up to \$20,000; preference is given to study less commonly taught languages such as Arabic, Chinese, Korean, Portuguese, Russian, and Swahili.

**Phi Kappa Phi:** For undergraduates with at least a cumulative GPA of at least 3.75

**Fund for Education Abroad:** General scholarships up to \$10,000 for US undergraduates planning to spend a minimum of 30 days abroad; Hilary Echo Douglas scholarship for study in Vietnam; Rainbow Scholarship for LGBTQI students

## **What are my next steps?**

1. **Attend a First Advising Session.** These group advising sessions are held Monday-Friday at 12:30 in the Education Abroad office.
2. **Investigate Programs.** Explore [global.vcu.edu/programs](http://global.vcu.edu/programs) and talk to advisors and past participants for guidance
3. **Inform your academic advisor** of your interest in studying abroad
4. **Explore the approved course database** to view [pre-approved courses](#); talk with your academic advisor for approval on other courses
5. **Explore your funding options.** Speak with a [Financial Aid counselor](#), investigate and apply for scholarships

## **Featured Education Abroad Programs**

The following are a list of programs recommended for Chemistry majors. The sections below are organized by program type and include many different program models including group and individual programs, study abroad, service-learning abroad, research abroad, and internship abroad programs. While these are featured programs for Chemistry majors, students are by no means limited to these opportunities. For all available programs, please visit [global.vcu.edu/programs](http://global.vcu.edu/programs) or contact an Education Abroad advisor.

### **GEO Short-Term Programs**

VCU faculty members lead groups of VCU students for short-term programs during the summer, spring break and winter intersession. Participants earn VCU credit. New programs are created every year, and most are open to students from any major. See our [website](#) for the most current list of faculty-led programs.

#### **Direct-Enroll at Sant'Anna Institute**

The Global Education Office and the Sant'Anna Institute are pleased to offer VCU students a new summer study abroad program in Sorrento, Italy. The program offers an exceptional opportunity to take classes in a wide range of academic disciplines, all taught in English or Italian, while living in historic Sorrento, Italy. Sant'Anna's academic building overlooks the picturesque Bay of Naples on Italy's Amalfi Coast, allowing to experience the unique culture and customs of southern Italy in a walkable, cosmopolitan setting.

### **Departmental and Partnership Exchanges**

VCU's relationship with the universities below allows students to study at the institutions for a semester or an academic year while paying standard tuition and fees to VCU. Other expenses – such as room, board, airfare, insurance and spending money – are the responsibility of the student.

#### **AUSTRALIA: Curtin University**

*Semester or year exchange*

Located in Perth, Western Australia, [Curtin University](#) is a large public university that offers a wide variety of courses which include: Chemical Energetics and Kinetics, Chemical Reactions and Mechanisms, Chemical Sensing and Measurement, Chemical Structure and Spectroscopy, and others.

### **International Student Exchange Program (ISEP)**

Choose from over 180 universities around the world offering summer, semester and year-long programs. Apply to up to 10 institutions on a single application. ISEP offers two types of placements: ISEP-Exchange (program fee based on VCU's in-state tuition, room and board)

and ISEP-Direct (program fee based on host university's tuition, room and board). For best chance of exchange placement, apply by August 15 for spring programs and January 15 for fall/full-year programs.

### ISEP institutions offering Physical Sciences courses taught in English:

**AUSTRALIA:** Charles Sturt University  
**AUSTRALIA:** Western Sydney University  
**AUSTRALIA:** La Trobe University  
**AUSTRALIA:** University of Canberra  
**AUSTRALIA:** Macquarie University  
**AUSTRALIA:** University of Technology Sydney  
**AUSTRIA:** Technische Universitat Graz  
**AUSTRIA:** Johannes Kepler Universitat Linz  
**CANADA:** Brock University  
**CANADA:** Laurentian University  
**CANADA:** University of Regina  
**CZECH REPUBLIC:** Masaryk University  
**ESTONIA:** University of Tartu  
**FINLAND:** Abo Akademi University  
**FINLAND:** University of Helsinki  
**FINLAND:** University of Eastern Finland  
**FINLAND:** University of Oulu  
**FINLAND:** University of Turku  
**GHANA:** University of Ghana  
**HONG KONG:** The Chinese University of Hong Kong  
**LITHUANIA:** Vilnius University

**MALAYSIA:** Universiti Pendidikan Sultan Idris  
**MEXICO:** Tecnologico de Monterrey (ITESM)  
**NETHERLANDS:** Leiden University  
**NEW ZEALAND:** Massey University  
**POLAND:** Wroclaw University  
**SOUTH AFRICA:** University of Johannesburg  
**SOUTH KOREA:** Keimyung University  
**SOUTH KOREA:** Ewha Womans University  
**SOUTH KOREA:** Hanyang University  
**SOUTH KOREA:** University of Seoul  
**SOUTH KOREA:** Yonsei University  
**SOUTH KOREA:** Ajou University  
**SWEDEN:** Sodertorn University  
**SWEDEN:** Lulea University of Technology  
**SWITZERLAND:** Universitat Zurich  
**UNITED ARAB EMIRATES:** American University of Sharjah  
**UNITED KINGDOM:** Nottingham Trent University  
**UNITED KINGDOM:** University of Bradford  
**UNITED KINGDOM:** University of Central Lancashire  
**UNITED KINGDOM:** University of Plymouth  
**UNITED KINGDOM:** University of Sunderland

### Affiliate and Alternative Programs

The following programs are sponsored by 1) study abroad organizations/providers, 2) other US institutions, or 3) foreign universities who accept visiting international students. ***There are many other programs available aside from the ones listed below.***

**GHANA:** [University of Ghana](#) (available through [USAC](#))

**Courses include:** General Chemistry I and II, General Biochemistry, Fish Chemistry and Toxicology, Soil Chemistry and Fertility, and Solution and Colloid Chemistry, and Organic Chemistry of Polymers, and others.

**JAPAN:** [Hiroshima University](#) (available through [USAC](#))

**Courses include:** Earth Environmental Chemistry, Modern Chemistry, Molecular-level Understanding of Functionality of Food, and Recent Development in Biological Sciences

**NORWAY:** [University of Oslo](#) (available through [USAC](#))

**Courses include:** Bioanalytical Chemistry I, Inorganic Chemistry II, Inorganic Structural Chemistry, Organic Chemistry II, and others.

**SOUTH KOREA:** [Kookmin University](#) (available through [USAC](#))

**Courses include:** Bio and Nano Chemistry and others.

**SPAIN:** [University of Alicante](#) (available through [CEA](#))

**Courses include:** Chemistry, Fundamentals of Chemistry in Civil Engineering, and Structural Determination of Organic Compounds

**THAILAND:** [Mahidol University](#) (available through [CIS](#))

**Courses include:** Fundamental Chemistry, General Chemistry, Physical Chemistry, Analytical Chemistry, Organic Chemistry, and others.