



Advising Hours
MONDAY – FRIDAY
9 AM – 4 PM

**Office of International
Programs**
One UTSA Circle
1.210 Main Building
San Antonio, TX 78249
(210) 458-7202
Fax: (210) 458-7255
studyabroad@utsa.edu
<http://www.utsa.edu/intprograms/studyabroad.cfm>

STUDY ABROAD OPPORTUNITIES IN PHYSICS AND CHEMISTRY

BENEFITS OF STUDY ABROAD

- Expand your cross-cultural communication and problem-solving skills
- Learn international perspectives in physics and chemistry
- Prepare you to work in an increasingly diverse and international workplace
- Globalize your world view
- Improve your language skills

Study abroad is an exciting way to discover new approaches to the study of physics and chemistry and build your professional skills. You can study in your major, pick up a second language, complete research on a special topic of your choice related to physics and chemistry, do an internship while overseas, or find one program with a combination of these components. Spend a mini-mester, the summer, a semester or an academic year abroad to enhance your cross-cultural skills, language ability, or professional experience.

STEPS TO STUDY ABROAD

Attend an Information Session or Consult the Web. Information sessions are held regularly. You may attend a brief, one-hour session or consult the website listed below to learn more about study abroad.

Research, Research, Research Investigate potential study abroad locations based on your interest and personal goals for an international experience. Do you want to improve your second language skills? Are you looking for a guided experience or are you more independent? Do you want to be with lots of other students from the U.S. or would you like to be “one of the crowd” with host country students?

Requirements UTSA requires a cumulative GPA of 2.5 or above. You should generally have at least 30 credit hours at the time of application. Check language requirements for non-English speaking countries.

Consult the Study Abroad Library. Check out the resources at the Office of International Programs (MB 1.210) for more information on program details, costs, and other information.

Consult your Advisor. Speak with your academic advisor to determine whether credits from your desired program will transfer back to UTSA. You will need to gather descriptions of courses in which you are interested in taking while abroad and meet with your advisor. He/she will help you determine if you will be able to receive credit for the experience.

Apply! Complete the necessary application(s) for UTSA and your chosen program. You must submit your documents and pay required fees by the established deadlines.

Attend Pre-Departure Orientation. All outgoing students must attend the Pre-Departure Orientation given by the Office of International Programs. You will be given the date and time well in advance and must make plans to attend. If you cannot attend, you must contact your Study Abroad Advisor and make arrangements.

Scholarships and Financial Aid The University of Texas at San Antonio offers scholarships to students studying abroad. These scholarships range from \$300 to \$3,600 per student. Application forms are available in the Office of International Programs. Many students are surprised to learn that their existing financial aid, including their federal aid, is frequently transferable to studying abroad. UTSA allows students to use all federal, state and institutional aid for study abroad programs. Generally, federal financial aid requires that you earn academic credit toward your degree program while you are abroad in order for the experience to be eligible for aid. So volunteer programs, for example, are less likely to be eligible for aid. If you already receive financial aid and have already completed your FAFSA form for the academic year in which you intend to study abroad, you won't need to submit another one. However, if you've never submitted a FAFSA form before, you should leave yourself plenty of time to do so.

APPLICATION DEADLINES

**International Education Fund and Study Abroad application at UTSA.*

Spring-Oct. 15

Summer-Feb. 15

Fall-Mar. 15

Affiliate Programs

Argentina

University of Belgrano (Buenos Aires)

ISA programs in Buenos Aires, Argentina, are all-inclusive (with the exception of airfare). The Universidad de Belgrano and Universidad del Salvador are accredited universities and issue all transcripts. Various programs are offered for students at all levels of Spanish proficiency with the opportunity to gain college credit. Students may consider taking *Organic Chemistry*, *Biological Chemistry*, *Industrial Chemistry*, *Environmental Chemistry* and *Physics*. (Sponsor: ISA)

Ireland

University of Limerick (Limerick)

Comprehensive study abroad programs at the University of Limerick (UL), a fully accredited university that has gained a reputation for excellence in academics, innovation and course organization. All transcripts are issued by the University of Limerick and are accompanied by a letter of translation. Students will have access to all the classes, disciplines and extra-curricular offerings that UL provides. Limerick, the third largest city in Ireland, was founded in the 10th century, making it the oldest chartered city in the country. The county of Limerick, located on the River Shannon, offers lush grassland and is home to many castles and fortresses which will bring you into the Irish world of history and culture. Students have the opportunity to take *Industrial Process Chemistry*, *Analytical Chemistry*, *Quantum Chemistry*, and *Computational Chemistry*, *Principles of Physics*, *Applied Optics and Applied Electromagnetics*. There are many other course options in the physics and chemistry fields as well. (Sponsor: API)

New Zealand

University of Waikato

The University of Waikato is a government funded and internationally recognized research university that offers high quality education to students of all nationalities. It was established in 1964 and occupies a beautifully green and spacious 158-acre garden campus on Hamilton city's green-belt. In 2005, 13,500 students were enrolled at the University of Waikato, including 2,300 international students. The University of Waikato is located in the scenic river city of Hamilton, New Zealand's fourth largest city in the central area of the North Island. The name "Waikato" is a Maori word, meaning "running water," and is the name of both the local province, and the river running through Hamilton. The Maori character of the campus is an important aspect of the University of Waikato's identity. Some of the courses available to chemistry and physics students are *Geochemistry and Environmental Chemistry*, *Analytical Chemistry and Instrumental Techniques*, *Chemistry: Human Perspectives*, *Computational Biophysics* and *Advanced Quantum Theory*. (Sponsor: AustraLearn)

Wales

Cardiff University (Cardiff)

For a truly British experience at a top-notch university, consider spending a semester or year at Cardiff University. One of the leading research institutions in the United Kingdom, Cardiff also ranked high on the 2006 League Table and was one of five

finalists for "University of the Year" by the Sunday Times of London. Unlike most urban universities in the U.K., Cardiff University is a campus-based institution located in the heart of cosmopolitan Cardiff. This unique distinction gives students the coziness of a campus environment and easy travel between courses and housing, while also providing quick access to the city of Cardiff and all the big-city amenities it has to offer. Courses include *Theoretical and Computational Chemistry* and *Gravitational Physics*. (Sponsor: IFSA-Butler)

South Africa

University of Cape Town

The rich academic program, established in 1998, allows students to pursue their own academic studies while providing first-hand knowledge of contemporary South African society. Students are required to enroll in at least one course with specific African content or one that offers a distinctive African perspective in their area of interest. Alternatively, students can enroll in the independent study option. Courses may be taken in all University of Cape Town faculties excluding Health Sciences. Courses of interest may include *Analytical Chemistry*, *Medicinal Chemistry* and *Astrophysics*. (Sponsor: IFSA-Butler)

Chile

Pontificia Universidad Catolica de Valparaiso (Valparaiso)

ISA programs in Valparaiso, Chile, are all-inclusive (with the exception of airfare). The Pontificia Universidad Catolica de Valparaiso is an accredited university and issues all transcripts. Various programs are offered with the opportunity to gain college credit. Semester/Year students with the appropriate language level will have the opportunity enroll in classes with Chilean students. Science courses offered include *Physics and Humor*. (Sponsor: ISA)

England

University of Westminster (London)

University of Westminster is divided into four campuses with 23,000 students. The University of Westminster has three superb campuses in central London and a fourth at a purpose-built green field site in Harrow, northwest London. Every campus has its own individual character and is home to a significant international student body, its own library and catering facilities. The central campuses are in central London, just a short distance from many famous London landmarks, such as the Houses of Parliament, Big Ben, the London Eye, Tate Modern and the British Library. Please visit the program provider's website for a full listing of relevant classes. (Sponsor: API)

Australia

Macquarie University (Sydney)

CEA students may choose either the Full Curriculum Program, which allows you to further your studies in almost any major while living in the suburbs of Sydney, or the International Internship Program, designed for students who want to gain valuable experience in the workplace while also earning academic credit. Both options are offered at Macquarie University. The university offers a wide array of classes in both physics and chemistry including *Biochemistry*, *Microbiology*, *Astrophysics* and *Topics in Applied Physics*. (Sponsor: CEA)

Turkey

Middle East Technical University (Ankara)

The CIEE Study Center in Ankara, established in the fall of 2000, provides a rigorous academic program through its core course, classes at METU, Turkish language instruction through

Active Languages, and an extensive in-country cultural program. METU offers undergraduate courses of high standards in the areas of engineering, physical sciences, biological sciences, humanities, social sciences, educational sciences, architecture, administrative sciences, and business. At METU courses are primarily taught in English. CIEE students may take any course offered for which they have the necessary prerequisites and permission of the instructor. Possible course options include *Quantum Chemistry, Physical Chemistry, Inorganic Chemistry, Optics and Waves, Modern Physics* and *Classical Mechanics*. (Sponsor: CIEE)

PROGRAM SPONSOR CONTACT INFO

Affiliated Study Abroad Programs are coordinated and managed by outside organizations and companies. Program costs are set by each program provider and vary with the length of program, location and cost of living. Programs are generally available for the summer, fall or spring semester or academic year. (Sponsor: CIEE)

API

<http://www.academicintl.com/>

AustraLearn

<http://www.australlearn.org/>

CEA

<http://www.gowithcea.com/>

CIEE

<http://www.ciee.org/participant.aspx>

IFSA-Butler

<http://www.ifsa-butler.org/>

ISA

<http://www.studiesabroad.com/>

ADDITIONAL RESOURCES

Please note your study abroad options are not limited by the programs listed here. For more information on additional study abroad opportunities such as intensive language programs and/or internships in your field please contact the International Programs Office. A majority of the information provided in this brochure is taken verbatim from the websites and catalogues of various program providers. We give full credit to each agency that provides accessible material for the general public.