



# Biological & Physical Sciences Study Abroad



## Why study abroad?

Studying abroad expands your understanding of the world and helps you develop usable skills, such as adaptability and intercultural communication, that are in high demand by employers and graduate programs.



Pearle Maki

From Andes to Amazon: Biodiversity, Conservation & Sustainability 2017

## Can I afford it?

Absolutely! Program fees vary greatly depending on the program, but with good planning an affordable study abroad experience is possible. Most types of financial aid can be applied to the programs offered through the UW, and there is a list of scholarships available to students studying abroad on our website. Be sure to plan ahead! Make an appointment with us and we can help you start your scholarship search, both Study Abroad Advising and the UWB Writing and Communication Center can help polish up application essays.

## What kinds of programs are there?

With over 500 programs approved for UW students you are bound to find something that fits your needs.

### UW Faculty-Led Programs:

- Short-term (2 weeks)
- Early Fall Exploration Seminars (3-4 weeks)
- Summer Term A or B (4-5 weeks)
- Quarter-long

**Partner Programs:** Semester long programs organized by other groups or companies

**University Exchanges:** Semester / year long programs at UW partnering universities

**Internships Abroad:** Quarter long professional placements through IE3, Omprakash, CIEE, IES, etc.

Though not necessarily run through the UW, REU undergraduate research abroad is another fully funded opportunity students may pursue.



Helen Kapitonenko, CIEE Summer Moroccan Studies, 2016

## When can I study abroad?

You can study abroad any time during your college career and we have programs ranging from a couple weeks to a full year, all of which guarantee UW credits. We encourage students to consider studying abroad early in their college career so the opportunity is available to study abroad again if they desire. There may be more flexibility in course scheduling during a student's first couple of years while they complete the general area of knowledge requirements. It is important to meet with your academic advisor to make sure your study abroad credits will fit well with your academic schedule. If you love it the first time, you may want to consider an IE3 internship or even REU undergraduate research abroad.

## Do I need to know a foreign language?

Not necessarily. While many exchanges and partner programs may have a foreign language requirement, there are plenty of programs primarily in English. Study abroad does provide a fantastic chance to start learning a new language as you will practice the native language when speaking with locals. A lot of programs also incorporate introductory language lessons into their curriculum.



Spider monkey and baby, Photo by David Chang

*"John Terborgh, world-reowned biologist and manager of the station since 1973, was there while we were...Cocha Cashu is nearly the only place to see such large primates (spider monkeys)...more striking and pertinent was his comment and strong urging that the only real way for conservationists to make a difference is to get into politics, like it or not...we can individually start making that difference now..."*

- Kendall Wiggins, From Andes to Amazon, Early Fall 2015

## How do I start?

Explore! Follow the link at the bottom of this page to review the tips and resources, search for programs, or set up an appointment to meet with a Study Abroad Advisor. Questions to consider when looking for a program:

What do I want to study?  
How long do I want to go?  
Do I prefer to go with a UW group or have an independent experience?

# Biological and Physical Science Programs of Interest

Please note that the programs listed are just a sample of what the UW offers

## Scientific Explorations of Art + Architecture in Europe

UW Faculty-Led Program | Summer Term A | Italy, France, Switzerland

This program will conceptually explore topics related to science, art and architecture from the Renaissance to the Modern age through visits to historical sites, museums, and present day laboratories.

## Oceanography Australia: STEM Autonomous & Robotic Observations Marine Ecosystems

UW Faculty-Led Program | Summer Term A | Australia

In this program students will experience first-hand applications of autonomous robotic system to complex biogeochemical question within two distinct, yet equally dynamic coastal marine environment— coral reefs and seagrass beds.

## Andes to Amazon: Biodiversity, Conservation, and Sustainability

UW Faculty-Led Program | Early Fall | Peru

An ecological exploration from the high mountains to the rainforest of southeastern Peru. In this seminar, we will explore the fascinating diversity of organisms and ecosystems of this region, while studying the conservation challenges confronting it.

## Sustainable Energy in Japan

UW Faculty-Led Program | Early Fall | Japan

This program explores advance topics in thermodynamics related to efficient and sustainable energy conversion system. Topics cover in the program include fuels and combustion, wind and solar power, fuel cells, and storage. Student will learn about how power plants work, alternative and renewable energy technologies, and the role of regulation and energy markets in shaping energy supply and demand.

## Sustainability in the U.S. and China

UW Faculty-Led Program | Autumn Quarter | China

Students will explore sustainability through lectures, readings, discussions, writing, experiential activities and collaborative work with Tsinghua University students in Beijing. Students on both continents will examine the role of personal choices in affecting broader change towards social, economic, and environmental sustainability, and then learn from each other through international, online writing and video assignments.

## SFS Bhutan Forests in the Land of the Thunder Dragon in Himalayas

Partner Program | Summer | Bhutan

This 4-week program offers the opportunity to explore the rich culture, biodiversity, and mountain views of the Bhutanese Himalayas surveying forests – which cover more than 70% of the landscape, visiting ancient shrines, and studying issues of conservation and ecological development in one of the most fascinating countries in the world.

## IE3 Molecular and Cellular Biology Research at Charles University

IE3 Internship | Czech Republic

The Department of Experimental Plant Biology at Charles University in Prague invites interns to join current research projects in the fields of molecular and cellular biology. Students will be able to put their classroom knowledge into practice and build professional connections with researchers in the field. This internship is open to all students with a background in cellular/plant biology.

## University College Dublin

Exchange Program | Semester or Year | Ireland

UW has more than 70 student exchanges with universities around the world. University College Dublin, is acknowledged as a center of excellence for research, and its degrees are respected worldwide.

## CIEE Summer Tropical Ecology and Conservation In Monteverde

Partner Program | Summer Quarter | Costa Rica

Spend the summer exploring Costa Rica's diverse and imitable ecosystems and gain comprehensive insight into their conservation through theory, hands-on exposure, and direct experimentation.

## CIEE Open Campus Block Programs

Partner Program | Customizable Terms | Various Locations

CIEE's Open Campus Block programs allow you to design your very own study abroad - customize your courses, term length, and destinations! Earn credits in up to three amazing CIEE Global Institute locations around the world.

## Contact us:

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Appointments:  
<https://uwb.campus.eab.com/>



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