

# Cornell ABROAD

# Bio & Environmental Studies

## RECOMMENDED STUDY ABROAD OPTIONS

300 Caldwell Hall / 607.255.6224 / cuabroad.cornell.edu / www.cuabroad.cornell.edu

kag 1/26/07

<b>LOCATION:</b>	UNIVERSITIES AND FIELD-BASED PROGRAMS IN AFRICA, ASIA, EUROPE, AND LATIN AMERICA
<b>ELIGIBILITY:</b>	3.0+ CUM GPA MINIMUM; PROGRAMS MAY REQUIRE SCIENCE BACKGROUND
<b>APPLICATION:</b>	STUDENTS ARE ENCOURAGED TO APPLY BY MAY OF THE PRECEDING YEAR FOR SPRING SEMESTER AND DECEMBER OF THE PRECEDING YEAR FOR FALL SEMESTER OR YEAR STUDY
<b>2006/07 Costs:</b>	\$4,440 CORNELL INTL. PROGRAM TUITION PLUS INDIVIDUAL UNIVERSITY/PROGRAM TUITION + FEES,  \$4,800 CORNELL INTL. PROGRAM TUITION FOR DIRECT ENROLLMENT IN THE UK OR ISRAELI UNIVERSITIES; PLUS INDIVIDUAL UNIVERSITY TUITION + FEES
<b>Please note:</b>	<i>2006/07 study abroad tuition and associated charges are set pending approval by the Board of Trustees; Cornell University reserves the right to change tuition and other charges.</i>
<b>WEBSITE:</b>	<a href="http://WWW.CUABROAD.CORNELL.EDU">WWW.CUABROAD.CORNELL.EDU</a>

Only study abroad programs with specific biology, ecology, or environmental studies options are discussed below. For programs focused on language learning or area studies, please refer to the related regional or country flyers.

### IN THIS FLYER

- I. Program List by region and country
- II. Program Provider descriptions
- III. Cross-listed Index by program type:
  - Biodiversity Hotspot
  - Environmental Sciences
  - General Biology
  - Natural Resource Management
  - Marine Biology / Ecology
  - Medicine/ Public Health (see Pre-Med flyer)
  - Plant Sciences
  - Sustainable Development
  - Tropical Biology / Ecology
  - Wildlife Management

### CHOOSING A PROGRAM

Think about whether you would like to take **university courses** with local students ("Direct Enrollment"), engage in **directed research** at a field station, conduct an **independent study** on a field-based program, participate in a **service-learning** program, undertake an **internship** for academic credit, or conduct **comparative international study** (note study in multiple countries and internships are not approved by Arts & Sciences).

Evaluate how important it is to have structured classroom or field-based study and whether you would like to stay in an area and develop roots there or experience different communities and ecosystems. Consider whether you want to participate in work that has been identified as an area of need by a local community, or whether you want to research your own question/topic. Reflect on your tolerance for group work and sub-standard living conditions. Note that field-based programs with no pre-requisites (and even some with) will have students who do not have the background of a Cornell junior studying science. The emphasis will be on the unique local ecosystem(s) and may include a significant social science component—such as environmental policy, conservation management, or sustainable development. Programs that may sound similar can vary significantly in the academic approach they offer, the research students conduct, and the living situations.

*Students in the college of Arts & Sciences should discuss field study programs, language, and area studies requirements with Dean Wasyliv, Study Abroad Advisor, 55 Goldwin Smith Hall or with Cornell Abroad. A&S students must take a 200-level course or above at Cornell on the history, culture, politics, economics or social relations of the country or region prior to study abroad. Students studying in Oceania (Australia, NZ and the Pacific) must complete this requirement while abroad.*

### AFRICA

#### BOTSWANA

##### SIT: KALAHARI ECOLOGY AND CONSERVATION

- ◆ **Location:** Gaborone
- ◆ **Academic Curriculum:** Seminar on Ecology and Conservation: Botswana Culture and Society; Ecology and Conservation. Intensive Setswana. Environmental Field Study seminar. Independent Study Project.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields.
- ◆ [www.sit.edu/studyabroad](http://www.sit.edu/studyabroad)

## EQUATORIAL GUINEA

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### ARCADIA: WEST AFRICAN BIO-DIVERSITY & ECONOMIC DEVELOPMENT

- ◆ **Location:** Island of Bioko
- ◆ **Academic Partner:** Universidad Nacional de Guinea Ecuatorial (UNGE)
- ◆ **Academic Curriculum:** All students take Tropical Ecology and Natural Resource Economics taught by specialists focusing on endangered primates and the economic parameters of their conservation. Choose (2) from Elementary Statistics, West African History and Culture, Society and the Environment, or Spanish Language and West African Literature.
- ◆ **Eligibility:** No pre-requisites
- ◆ <http://www.arcadiaabroad.com/>

## KENYA

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### SFS: WILDLIFE MANAGEMENT STUDIES

- ◆ **Location:** Nairobi National Park Camp; Kilimanjaro Bush Camp
- ◆ **Academic Curriculum:** Techniques of Wildlife Management; Wildlife Ecology; Environmental Policy and Socio-economic Values; Directed Research; Swahili.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields.
- ◆ [www.fieldstudies.org](http://www.fieldstudies.org)

## MADAGASCAR

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### SIT: ECOLOGY AND CONSERVATION

- ◆ **Location:** Fort Dauphin, southern Madagascar
- ◆ **Language of Instruction:** Primarily in French
- ◆ **Academic Curriculum:** Seminar on Ecology and Conservation: Malagasy Culture and Society; Ecology and Conservation. Intensive French and Malagasy. Environmental Field Study seminar (in English). Independent Study Project.
- ◆ **Eligibility:** Three recent semesters of college-level French or equivalent. Previous coursework in environmental studies, ecology, biology, or related fields.
- ◆ [www.sit.edu/studyabroad](http://www.sit.edu/studyabroad)

## SOUTH AFRICA

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### UNIVERSITY OF CAPETOWN

- ◆ **Program Providers:** See Cornell Abroad. CIEE; InterStudy; Direct Enrollment available.
- ◆ **Academic Curriculum:** Research university, known for its health sciences. Science departments include: Botany; Chemistry; Environmental & Geographical Sciences; Geological Sciences; Molecular & Cell Biology; Oceanography; Physics; Statistical Sciences; Zoology. Service-learning options available with CIEE.
- ◆ **Eligibility:** Appropriate academic background for any university course.
- ◆ <http://www.uct.ac.za>

### OTS: WILDLIFE ECOLOGY AND CONSERVATION

- ◆ **Location:** Kruger National Park (very mobile)
- ◆ **Academic Curriculum:** South African Ecosystems and Diversity; Conservation and Management of Protected Areas; History and Culture of South Africa; Field Research in Savanna Ecology.
- ◆ **Eligibility:** No pre-requisites.
- ◆ [www.ots.duke.edu](http://www.ots.duke.edu)

## TANZANIA

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### SIT: WILDLIFE ECOLOGY AND CONSERVATION

- ◆ **Location:** Arusha
- ◆ **Academic Curriculum:** Seminar on Wildlife Ecology and Conservation: Tanzanian Culture and Society; Wildlife Ecology and Conservation. Intensive Swahili. Environmental Field Study seminar. Independent Study Project.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields.
- ◆ [www.sit.edu/studyabroad](http://www.sit.edu/studyabroad)

### SIT: ZANZIBAR—COASTAL ECOLOGY

- ◆ **Location:** Stone Town, Zanzibar
- ◆ **Academic Curriculum:** Seminar on Coastal Ecology: Zanzibari culture & society; coastal ecology; coral reef ecology; educational excursions. Intensive Swahili. Environmental Field Study seminar. Independent Study Project.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields. Swimming proficiency.
- ◆ [www.sit.edu/studyabroad](http://www.sit.edu/studyabroad)

## ASIA

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### NEPAL

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#### CORNELL NEPAL STUDY PROGRAM (SEE FLYER)

- ◆ **Location:** Kirtipur, Kathmandu Valley
- ◆ **Academic Partner:** Tribhuvan University
- ◆ **Academic Curriculum:** Intensive Nepali language and culture courses; Research Design and Proposal Writing; Seven to ten (7-10) day study trek; Independent Field Study in Ecology & the Environment. Volunteer community service opportunities with various community development agencies available. Nepali university students paired with study abroad students. Translators for field study.
- ◆ **Eligibility:** No program pre-requisites (Nepali language study recommended for all and required for A&S students)
- ◆ [www.cuabroad.cornell.edu](http://www.cuabroad.cornell.edu)

### THAILAND

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#### CIEE: DEVELOPMENT AND GLOBALIZATION

- ◆ **Location:** Khon Kaen
- ◆ **Academic Partners:** Khon Kaen University's Faculties of

Humanities and Social Sciences and the Research Development Institute and with the NGO Coordinating Committee on Development.

- ◆ **Academic Curriculum:** The Human Perspective on Development and the Environment; Social Research Methods; Directed Research / Field Study Practicum; Thai Language. Service learning.
- ◆ **Eligibility:** No program pre-requisites
- ◆ [www.ciee.org](http://www.ciee.org)

- ◆ **Academic Curriculum:** Seminar Sustainability and the Environment: The Natural Environment; Environmental Philosophy & Ethics; Aboriginal Relationships to the Land; Sustainability; Case Studies. Field Study seminar. Independent Study Project.
- ◆ **Eligibility:** No program pre-requisites
- ◆ [www.sit.edu/studyabroad/asia](http://www.sit.edu/studyabroad/asia)

## VIET NAM AND CAMBODIA

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### SIT: NATURAL & CULTURAL ECOLOGY IN THE MEKONG DELTA

- ◆ **Location:** Can Tho, Viet Nam
- ◆ **Academic Curriculum:** Seminar on Natural and Cultural Ecology: Mekong daily life and culture; wetland ecology; floodplain wetlands; mangrove ecology; challenges of sustainable development; comparative field ecology in Cambodia. Intensive Vietnamese. Field Study seminar. Independent Study Project.
- ◆ **Eligibility:** No program pre-requisites
- ◆ [www.sit.edu/studyabroad](http://www.sit.edu/studyabroad)

### UNIVERSITY OF MELBOURNE

- ◆ **Location:** Melbourne, second largest city in Australia, voted "World's Most Livable City"
- ◆ **Academic Curriculum:** One of the top research universities in Australia, known for its health sciences. Can also find Environmental Studies, Forest Sciences and Environmental Engineering.
- ◆ <http://www.unimelb.edu.au>

### UNIVERSITY OF NEW ENGLAND

- ◆ **Location:** Armidale, Province of New South Wales
- ◆ **Academic Curriculum:** Comprehensive university. Ecosystem management; Environmental Engineering; Environmental Science/Planning; Natural Resources.
- ◆ <http://www.une.edu.au>

## AUSTRALIA & NEW ZEALAND

### AUSTRALIA

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#### JAMES COOK UNIVERSITY

- ◆ **Location:** Cairns, "Gateway to the Great Barrier Reef"
- ◆ **Academic Curriculum:** Known for its Marine Science Program and its field study courses.
- ◆ <http://www.jcu.edu>

#### SCHOOL FOR FIELD STUDIES

- ◆ **Location:** Center for Rainforest Studies, Yungaburra
- ◆ **Academic Curriculum:** Rainforest Ecology, Principles of Forest Management; Environmental Policy and Socio-economic Values; Directed Research.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields.
- ◆ [www.fieldstudies.org](http://www.fieldstudies.org)

#### SIT: NATURAL & CULTURAL ECOLOGY

- ◆ **Location:** Cairns, "Gateway to the Great Barrier Reef"
- ◆ **Academic Curriculum:** Seminar on Natural and Cultural Ecology: Marine Ecology, Rainforest Ecology, Ethnic Studies, Environmental Philosophy. Environmental Field Study seminar. Independent Study Project.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields.
- ◆ [www.sit.edu/studyabroad](http://www.sit.edu/studyabroad)

#### SIT: SUSTAINABILITY & THE ENVIRONMENT

- ◆ **Location:** Byron Bay; Aboriginal "farmstay"

### UNIVERSITY OF NEW SOUTH WALES

- ◆ **Location:** suburb of Sydney, largest city in Australia, one of world's most international cities.
- ◆ **Academic Curriculum:** One of the top research universities in Australia with a strong science and technology focus. Environmental science, Marine Science, Oceanography, Environmental Engineering. NOTE: Pre-session Program on Coral Reef Ecology at Lady Elliot Island not accredited by Undergraduate Biology at Cornell.
- ◆ <http://www.unsw.edu.au>

### UNIVERSITY OF QUEENSLAND

- ◆ **Location:** Brisbane, third largest city in Australia, closest major city to the Great Barrier Reef.
- ◆ **Academic Curriculum:** One of the top research universities in Australia with a strong science and technology focus. Ecology and Conservation Biology; Forest & Grassland Ecosystems; Conservation of Native Species; Management of Introduced Species; Conservation of Rare & Threatened Species; Aquatic Ecosystems
- ◆ <http://www.uq.edu.au>

### UNIVERSITY OF TASMANIA

- ◆ **Location:** Hobart, capital of the Province of Tasmania "down under Down Under"
- ◆ **Academic Curriculum:** Particularly known for Animal and Marine Sciences, Plant Biodiversity, Geography and Environmental Studies (including Natural Environment & Wilderness Management)
- ◆ <http://www.utas.edu.au>

## NEW ZEALAND

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### BU: AUCKLAND INTERNSHIP PROGRAM

- ◆ **Location:** Based at the Auckland University of Technology
- ◆ **Academic Curriculum:** Initial “Core Course” phase-- Aotearoa New Zealand: History & Society; New Zealand Political Studies. New Zealand Ecology: Terrestrial and Marine Ecosystems; Internship.
- ◆ <http://www.bu.edu/abroad>

### ECOQUEST (RUN BY THE UNIVERSITY OF NEW HAMPSHIRE)

- ◆ **Location:** EcoQuest Field Studies Center outside Auckland and field stations around the islands
- ◆ **Academic Curriculum:** Four interdisciplinary courses in Ecology and Biogeography of New Zealand; Restoration Ecology and Ecosystem Management; Environmental Policy, Planning and Sustainability; Applied Directed Research.
- ◆ <http://www.ecoquest.unh.edu>

### UNIVERSITY OF OTAGO

- ◆ **Location:** Dunedin, a beautiful city on the south island— New Zealand’s only true “student city.”
- ◆ **Academic Curriculum:** One of the top research universities in New Zealand with a strong focus on the biological sciences. Botany, Biology, Ecology, Environmental Management, Geography (Natural Resources); Geology, relational to Southern and Pacific Oceans, Marine Science.
- ◆ [www.otago.ac.nz](http://www.otago.ac.nz)

## EUROPE

### DENMARK

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#### DENMARK’S INTERNATIONAL STUDIES PROGRAM (DIS)

- ◆ **Location:** Copenhagen
- ◆ **Academic Programs:**
  - **Marine & Environmental Biology** (Core courses: Ecology and Human Impact in the North Baltic Seas; Marine Biology of European Coastal Waters. Electives: Biology of Marine Mammals; Ecotoxicology—*fall*; Energy & Element Cycling in Ecosystems—*spring*)
  - **Medical Practice & Policy** (see Pre-Med flyer)
  - **Molecular Biology & Biotechnology** (Core courses: *Spring*: either Bioinformatics or Bio-Reaction Engineering; *Fall*: Metabolic Engineering and Functional Genomics)
- ◆ **Eligibility:** *Marine & Environmental Biology*: Designed for students of biology, ecology, environmental science and related fields. *Molecular Biology & Biotechnology*: Designed for students with a strong background in molecular biology.
- ◆ [www.dis.dk](http://www.dis.dk)

## FRANCE

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### EDUCO (EMORY, DUKE & CORNELL IN PARIS)

- ◆ **Academic Partners:** Université de Paris I (Pantheon-Sorbonne); Université de Paris IV (La Sorbonne); Université de Paris VII (Denis Diderot)
- ◆ **Language of Instruction:** French
- ◆ **Academic Program:** Up to two courses in French offered through EDUCO and the remainder (for a total of 4) courses in the French university system. Paris VII is well known for its life and health sciences. Unpaid internships also available. In the past, Biology students have participated in supervised research at the Pasteur Institute in place of a course (this cannot be guaranteed).
- ◆ **Eligibility:** Min. French 219. Preferably one or more additional courses. Background in major field of study.
- ◆ <http://www.educo.asso.fr>

## GERMANY

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### BERLIN CONSORTIUM

- ◆ **Academic Partners:** Freie Universität (with access to six other Berlin universities)
- ◆ **Program Length:** Full year or Spring
- ◆ **Language of Instruction:** German
- ◆ **Academic Program:** Six-week language practicum; course offered by Academic Director (a visiting faculty member from one of the Berlin Consortium schools); Supervised study (at least two classes) in the German university system.
- ◆ **Eligibility:** Four college-level courses in German or equivalent, at least one at the 300-level. Background in major field of study.
- ◆ <http://www.ce.columbia.edu/op>

### BOSTON UNIVERSITY DRESDEN SCIENCE PROGRAM

- ◆ **Location:** Based at the Technische Universität Dresden
- ◆ **Program Length:** Fall only.
- ◆ **Academic Program:** Students take an intensive beginning German course and choose three electives from the following: Organic Chemistry I, Cell Biology, Basic Statistics and Probability, and Sociology of Culture.
- ◆ **Eligibility:** Designed for first semester sophomores
- ◆ <http://www.bu.edu/abroad>

## HUNGARY

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### CENTRAL EUROPEAN UNIVERSITY

- ◆ **Location:** Budapest
- ◆ **Academic Program:** CEU is a graduate school that attracts English-speaking students from Central European countries and from Europe more broadly along with top faculty from around the world, including Cornell. CEU offers a degree in Environmental Sciences and Policy in addition to its core programs in the social sciences.
- ◆ **Eligibility:** Open to advanced undergraduates
- ◆ <http://www.bard.edu/ceu>

## SPAIN

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### CONSORTIUM FOR ADVANCED STUDIES IN BARCELONA

- ◆ **Academic Partners:** Universitat de Barcelona, Universitat Autònoma de Barcelona, Universitat Pompeu Fabra (*top ranking Spanish universities in science*)
- ◆ **Language of Instruction:** Spanish
- ◆ **Academic Program:** Students take a Cultural Pro-Seminar on the History, Culture, and Languages of Catalonia, then enroll in one course offered through the program and the remainder of coursework at one or more of the Barcelona Universities. Spring semester may work better for science majors.
- ◆ **Eligibility:** Min. Spanish 219 plus one additional course in Spanish. Background in major field of study.  
<http://www.brown.edu/Administration/OIP/consortium/>

## UNITED KINGDOM

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### IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE

- ◆ **Location:** Central London
- ◆ **Relevant Departments:** Full Year Only. Biology; Biochemistry; Biomedical Sciences; Biotechnology; Ecology; Microbiology; Zoology.
- ◆ **Eligibility:** Must a strong background in the sciences.
- ◆ <http://www.imperial.ac.uk>

### KING'S COLLEGE, UNIVERSITY OF LONDON

- ◆ **Location:** Central London
- ◆ **Relevant Departments:** Anatomy & Human Sciences; Biochemistry & Medical Biochemistry; Biomedical Sciences; Biomolecular Sciences; Environmental Health; Human Sciences; Immunobiology; Microbiology, Midwifery, Molecular Genetics, Neuroscience, Nursing, Nutrition & Dietetics, Pharmacology and Molecular Genomics, Physiology. *For information on the Pre-Med Programme, see the Pre-Med flyer.*
- ◆ **Eligibility:** 3.3 GPA. Must a strong background in the sciences.
- ◆ <http://www.kcl.ac.uk>

### UNIVERSITY COLLEGE LONDON

- ◆ **Location:** Central London
- ◆ **Relevant Departments:** Anatomy & Developmental Biology; Biochemistry & Molecular Biology; Biology and Genetics, Immunology and Molecular Pathology; International Health and Medical Education (full year programme); Pharmacology.
- ◆ **Eligibility:** 3.3 GPA. Must a strong background in the sciences.
- ◆ <http://www.ucl.ac.uk>

### UNIVERSITY OF CAMBRIDGE

- ◆ **Location:** Cambridge, England
- ◆ **Program Length:** Full Year Only

- ◆ **Academic Curriculum:** Natural Sciences: Biochemistry, Biological and Biomedical Sciences, History and Philosophy of Science, Neuroscience, Pathology, Pharmacology, Physical Sciences, Physiology, Plant Sciences, Psychology, and Zoology. *See Oxford & Cambridge flyer.*
- ◆ **Eligibility:** Must have 3.7 and strong background in the sciences.
- ◆ <http://www.cam.ac.uk>

### UNIVERSITY OF EAST ANGLIA

- ◆ **Location:** Norwich, England
- ◆ **Relevant Departments:** Biology; Chemistry, Ecology, Environmental Sciences, Geography (Development Studies), Geology
- ◆ **Eligibility:** Must a strong background in the sciences.
- ◆ <http://www.uea.ac.uk>

### UNIVERSITY OF EDINBURGH

- ◆ **Location:** Edinburgh, Scotland
- ◆ **Relevant Departments:** Cell Biology Evolutionary Biology, Immunology and Infection Research, Molecular Plant Science, Stem Cell Research, and Structural and Molecular Biology. Biomedical sciences.
- ◆ **Eligibility:** Must a strong background in the sciences.
- ◆ <http://www.edinburgh.ac.uk>

### UNIVERSITY OF OXFORD

- ◆ **Location:** Oxford, England
- ◆ **Program Length:** Full Year Only
- ◆ **Academic Curriculum:** Biological Sciences; Biochemistry, Molecular, and Cellular; Geography. *See Oxford & Cambridge flyer.*
- ◆ **Eligibility:** Must have 3.5 and strong background in the sciences.
- ◆ <http://www.ox.ac.uk>

## UNIVERSITY OF ST ANDREWS

- ◆ **Location:** St Andrews, Scotland
- ◆ **Relevant Departments:** Biochemistry, Behavioural Biology, Cell Biology, Evolutionary Biology, Human Biology, Marine Biology, Molecular Biology; Biomolecular Sciences, Ecology & Conservation, Neuroscience, Physiology, Zoology
- ◆ **Eligibility:** 3.4 GPA recommended. Must have a strong background in the sciences.
- ◆ <http://www.st-andrews.ac.uk>

## UNIVERSITY OF YORK

- ◆ **Location:** York, England
- ◆ **Academic Curriculum:** Biology; Biochemistry; Molecular Cell Biology; Genetics; Ecology, Conservation and the Environment.
- ◆ **Eligibility:** Must a strong background in the sciences.
- ◆ <http://www.york.ac.uk>

## LATIN AMERICA & THE CARIBBEAN

### BONAIRE, SOUTHERN CARIBBEAN

#### CIEE: TROPICAL MARINE ECOLOGY & CONSERVATION

- ◆ **Location:** Bonaire, Dutch Antilles, off the coast of Venezuela
- ◆ **Academic Curriculum:** Coral Reef Ecology; Human Ecology; Marine Resource Management; Independent Research Project; Fundamentals of Scientific Diving Research methods. Survival Papamiento.
- ◆ **Eligibility:** Two semesters of Biology and/or Ecology. Coursework in Marine Biology and/or Environmental Studies recommended. SCUBA certification or PADI referral.
- ◆ [www.ciee.org](http://www.ciee.org)

### BRAZIL

#### SIT: AMAZON RESOURCE MANAGEMENT AND HUMAN ECOLOGY

- ◆ **Location:** Belém
- ◆ **Academic Curriculum:** Seminar on Amazon Resource Management and Human Ecology: Natural and Human Ecology of the Amazon, Natural Resource Management, Environmental Conservation, Linking Ecological and Human Issues. Intensive Portuguese. Environmental Field Study seminar. Independent Study Project.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields. Preferred background in Portuguese, Spanish, or another Romance language.
- ◆ [www.sit.edu/studyabroad](http://www.sit.edu/studyabroad)

## COSTA RICA

#### CIEE: TROPICAL ECOLOGY & CONSERVATION

- ◆ **Location:** Monteverde, Monteverde Cloud Forest; and extensive field trips
- ◆ **Academic Curriculum:** Tropical Diversity; Tropical Community Ecology; Humans in the Tropics; Independent Study in Biology/Ecology.
- ◆ **Eligibility:** Two semesters of Biology. Additional semester of Ecology or Environmental Science recommended. Some college-level Spanish recommended. Swimming proficiency.
- ◆ [www.ciee.org](http://www.ciee.org)

#### OTS: TROPICAL BIOLOGY AND RESOURCE MANAGEMENT

- ◆ **Location:** La Selva Biological Station; Palo Verde Biological Station; Las Cruces Biological Station, and San Jose.
- ◆ **Academic Curriculum:** Fundamentals of Tropical Biology; Environmental Science and Policy of the Tropics; Field Research in Tropical Biology; Spanish Language and Latin American Culture.
- ◆ **Eligibility:** Two semesters of Biology and Spanish. (May enroll in an intensive Spanish class prior to start of program).
- ◆ **Scholarships:** Fellowships available on a limited basis for African American, Native American, and Hispanic American students.
- ◆ [www.ots.duke.edu](http://www.ots.duke.edu)

#### SFS: SUSTAINABLE DEVELOPMENT STUDIES

- ◆ **Location:** Center for Sustainable Development Studies, La Presa (educational excursions to different sites)
- ◆ **Academic Curriculum:** Tropical Ecology and Sustainable Development; Economic and Ethical Issues and Sustainable Development; Principles of Resource Management; Language, Culture, and Society of Costa Rica; Directed Research.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields. Preferably students will also have taken coursework in international development, development sociology, natural resources, economics, and/or anthropology. Must have working knowledge of conversational Spanish (min one college-level semester in Spanish).
- ◆ [www.fieldstudies.org](http://www.fieldstudies.org)

## ECUADOR

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### BU: TROPICAL ECOLOGY PROGRAM

- ◆ **Location:** Quito, based at the Universidad San Francisco de Quito (USFQ), and field sites
- ◆ **Academic Curriculum:** Tropical Montane Ecology; Tropical Rainforest Ecology; Tropical Coastal Ecology; Studies in Tropical Ecology. Intensive Spanish.
- ◆ **Eligibility:** One full year of Intro Biology; one course in Ecology; Introductory Spanish.
- ◆ [www.bu.edu/abroad](http://www.bu.edu/abroad)

### IPSL: SUSTAINABLE MARINE ENVIRONMENT AND COMMUNITY

- ◆ **Location:** Galápagos
- ◆ **Academic Partner:** Galápagos Academic Institute for the Arts and Sciences (GAIAS), an extension of the Universidad San Francisco de Quito (USFQ)
- ◆ **Academic Curriculum:**
  - **Evolution, Ecology and Conservation in the Galápagos (Biology Focus):** Human Ecology and Maritime Communities; Evolutionary Biology; Population Ecology; Introduction to Marine Life of the Galápagos Islands; Native and Introduced Plants of the Galápagos.
  - **Politics, the Environment, and the Galápagos (Social Science Focus):** Wildlife Conservation and Management; Human Ecology and Maritime Communities; Environmental Economics; Environmental Security; Independent Project.
  - **Optional Courses** (for an extra fee): Dive Course; Spanish; Introduction to Digital Photography.
- ◆ **Eligibility:** *Evolution, Ecology, and Conservation in Galápagos:* Min. one course each in general biology and ecology. *Politics, the Environment, and the Galápagos:* an intermediate level of Spanish is highly recommended, but not required.
- ◆ [www.ipsl.org/programs/galapagos.html](http://www.ipsl.org/programs/galapagos.html)

### SIT: COMPARATIVE ECOLOGY AND CONSERVATION

- ◆ **Location:** Quito, field sites
- ◆ **Language of Instruction:** Courses conducted in mixture of Spanish and English.
- ◆ **Academic Curriculum:** Seminar on Comparative Ecology and Conservation: Ecuadorian Life and Culture, Comparative Ecology, Conservation and Policy. Educational excursions to the Ecuadorian Amazon, a cloud forest reserve, and the Galapagos islands. Intensive Spanish. Environmental Field Study seminar. Independent Study Project.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields. Four recent semesters of college-level Spanish or equivalent.
- ◆ [www.sit.edu/studyabroad](http://www.sit.edu/studyabroad)

## MEXICO

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### SFS: MARINE MAMMAL CONSERVATION & COASTAL ECOSYSTEMS

- ◆ **Location:** Center for Coastal Studies, Bahía Magdalena
- ◆ **Academic Curriculum:** Coastal Ecology; Economic and Ethical Issues and Sustainable Development; Principles of Resource Management; Directed Research.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields.
- ◆ [www.fieldstudies.org](http://www.fieldstudies.org)

## PANAMA

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### SIT: DEVELOPMENT AND CONSERVATION

- ◆ **Location:** Panama City
- ◆ **Language of Instruction:** Courses conducted in mixture of Spanish and English.
- ◆ **Academic Curriculum:** Seminar on Development and Conservation: Tropical Ecology, Marine Ecology and Conservation, Sustainable Development, Environmental and Social Issues in Panama. Educational excursions. Intensive Spanish. Environmental Field Study seminar. Independent Study Project.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields. Three recent semesters of college-level Spanish or equivalent.
- ◆ [www.sit.edu/studyabroad](http://www.sit.edu/studyabroad)

## TURKS & CAICOS (BRITISH WEST INDIES)

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### SFS: MARINE RESOURCE MANAGEMENT STUDIES

- ◆ **Location:** Center for Marine Resource Studies, Cockburn Harbor, South Caicos Island
- ◆ **Academic Curriculum:** Tropical Marine Ecology; Principles of Resource Management; Environmental Policy and Socioeconomic Values; Directed Research.
- ◆ **Eligibility:** Previous coursework in environmental studies, ecology, biology, or related fields. Swimming proficiency. Prior SCUBA certification necessary in order to dive.
- ◆ [www.fieldstudies.org](http://www.fieldstudies.org)

## MIDDLE EAST

## ISRAEL

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### THE ARAVA INSTITUTE

- ◆ **Location:** Ketura, near Eilat in southern Israel
- ◆ **The Institute** is a non-profit training and research center. Its guiding ideology is that environmental problems can only be addressed in a regional context and from an interdisciplinary perspective. The student body consists of participants from Jordan, Israel, Tunisia, the Palestinian Authority, and all over the world. The program teaches students to consider the ecological, cultural, moral and political context of environmental issues, with a strong emphasis on internships.

- ◆ **Academic Life:** The program is academically accredited through Tel Aviv University's Lowy School for Overseas Students. The Arava Institute's mission goes beyond training and teaching to include applied research. Projects tend to be interdisciplinary, involving social and natural sciences that touch on a range of environmental issues. The institute offers a one-semester or one-year program.
- ◆ [www.arava.org](http://www.arava.org) or <http://www.telavivuniv.org/programs/aies.htm>

- ◆ **Program Length:** Fall or Spring
- ◆ **Academic Curriculum:** Urban Planning and Sustainable Environments; Urban Politics and Development; Culture and Society of World Cities; Contemporary Urban Issues
- ◆ **Requirements:** Students come from a variety of academic backgrounds, including older college graduates.
- ◆ **Early decision deadline:** Jan 15 (Fall); June 1 (Spring);
- ◆ [www.ihp.edu](http://www.ihp.edu)

## COMPARATIVE PROGRAMS

### INTERNATIONAL HONORS PROGRAM (IHP)

#### RETHINKING GLOBALIZATION: NATURE, CULTURE & JUSTICE

- ◆ **Itinerary:** USA; Britain; Tanzania; India; New Zealand, Mexico
- ◆ **Program Length:** Full Year Only
- ◆ **Academic Curriculum:** Anthropology Field Methods I & II; Ecology and Comparative Conservation Practices I & II; Issues of International Development and Economics I & II; Comparative Social Movements; Cases and Issues in Environmental Policy.
- ◆ **Requirements:** Students come from a variety of academic backgrounds, including older college graduates.
- ◆ **Early decision deadline:** Jan 15
- ◆ [www.ihp.edu](http://www.ihp.edu)

#### HEALTH & COMMUNITY

- ◆ **Itinerary:** USA; India; China; South Africa
- ◆ **Program Length:** Spring Semester Only
- ◆ **Academic Curriculum:** Globalization and Health; Culture and Health Care: Systems and People; The Stuff of Life: Biology, Behavior, and Society; Community Health Research Methods
- ◆ **Requirements:** Students come from a variety of academic backgrounds, including older college graduates.
- ◆ **Early decision deadline:** June 1
- ◆ [www.ihp.edu](http://www.ihp.edu)

#### INDIGENOUS PERSPECTIVES: RETHINKING GOVERNANCE & STEWARDSHIP

- ◆ **Itinerary:** Mexico; India; New Zealand; Canada
- ◆ **Program Length:** Fall Semester Only
- ◆ **Academic Curriculum:** Culture, Identity, and Place; Ecology and Knowledge Systems; Indigenous Movements; Governance and Polity.
- ◆ **Requirements:** Students come from a variety of academic backgrounds, including older college graduates.
- ◆ **Early decision deadline:** Jan 15
- ◆ [www.ihp.edu](http://www.ihp.edu)

#### CITIES IN THE 21<sup>ST</sup> CENTURY: PEOPLE, PLANNING & POLITICS

- ◆ **Itineraries--Fall:** New York City, Buenos Aires, Bangalore, Beijing, Shanghai. **Spring:** New York City, Rio de Janeiro, Capetown, Auckland, New Zealand

## DESCRIPTIONS OF PROGRAM PROVIDERS

### Boston University International Programs (BU)

BU offers English-speaking programs designed for science majors in specific locations and is the largest provider of study abroad internships. All BU Internships are guaranteed, customized, project-based, and academically directed. See the Pre-Med flyer for Health-related internships. BU also provides summer study abroad internship programs.

[www.bu.edu/abroad](http://www.bu.edu/abroad)

### Council on International Educational Exchange (CIEE)

CIEE was launched immediately after World War II, and has been a leader in study abroad ever since. They offer a wide range of programs around the world and are well-respected for their academics and student services.

[www.ciee.edu](http://www.ciee.edu)

### International Honors Program (IHP)

IHP offers comparative international study programs where students spend roughly 4-5 weeks in a country, learning from local leaders and living in a homestay, before they look at the same broad topic through the lens of academics and activists in another country.

[www.ihp.edu](http://www.ihp.edu)

### International Partnership for Service- Learning (IPSL)

The Partnership for Service Learning has a strong reputation as a non-profit educational organization which designs and coordinates academic studies with volunteer service. Returned IPSL students speak highly about their integration into the community.

[www.ipsl.org](http://www.ipsl.org)

### Organization for Tropical Studies (OTS)

OTS is a non-profit consortium of universities and research institutions from around the world that provides leadership in education, research, and the responsible use of natural resources in the tropics, founded in 1963. Duke University accredits the study abroad programs they run at the original research stations in Costa Rica and in partnership with the University of Witwatersrand and Kruger National Park in South Africa.

[www.ots.duke.edu](http://www.ots.duke.edu)

### School for Field Studies (SFS)

SFS has field stations in five countries where study abroad students conduct directed field research that contributes to a multi-year research plan designed with the local community and local authorities. When not on an excursion, students live at the field station. Students experience a short homestay to deepen their experience of the culture and to build the relationship with the community.

[www.fieldstudies.org](http://www.fieldstudies.org)

### School for International Training (SIT)

SIT is the pioneer of experiential, field-based study abroad. All SIT programs focus on a main topic of study and culminate in a significant independent study project. To use SIT's terminology, their programs focus on "issues that matter," promote genuine cultural immersion, cultivate formal and informal partnerships with local and global resources, and facilitate undergraduate research. All programs include a homestay component, but the length varies.

[www.sit.edu](http://www.sit.edu)

## CROSS-LISTED INDEX

### BIO-DIVERSITY HOT-SPOTS

**AUSTRALIA:** SIT—Natural and Cultural Ecology;  
SFS—Tropical Rainforest Management; James Cook University

**BRAZIL:** Amazon Resource Management and Human Ecology

**COSTA RICA:** CIEE—Tropical Ecology & Conservation  
OTS—Tropical Biology and Resource Management  
SFS—Sustainable Development Studies

**ECUADOR:** BU—Tropical Ecology  
IPSL—Evolution, Ecology, and Conservation in the Galápagos  
SIT—Comparative Ecology and Conservation

**EQUATORIAL GUINEA:** Arcadia—West African Bio-Diversity & Economic Development

**MADAGASCAR:** SIT—Ecology & Conservation

**PANAMA:** SIT—Development and Conservation

**SOUTH AFRICA:** OTS—Wildlife Ecology & Conservation

**TANZANIA:** SIT—Zanzibar Coastal Ecology

**NEW ZEALAND:** EcoQuest; University of Otago

### ENVIRONMENTAL SCIENCES—UNIVERSITY-BASED

**AUSTRALIA:** University of Melbourne; University of Western Australia; University of New South Wales; University of Queensland; University of Wollongong, University of New England

**HUNGARY:** Central European University

**NEW ZEALAND:** Massey University; Lincoln University, University of Otago

**SOUTH AFRICA:** University of Capetown

**UNITED KINGDOM:** East Anglia; Edinburgh; St Andrews; York

### GENERAL BIOLOGY—UNIVERSITY-BASED

**AUSTRALIA:** University of Melbourne; University of Western Australia; University of New South Wales; University of Queensland

**DENMARK:** DIS- Molecular Biology & Biotechnology

**FRANCE:** EDUCO

**GERMANY:** Berlin Consortium; BU—Dresden Science Program

**NEW ZEALAND:** University of Canterbury; Lincoln University, University of Otago

**SOUTH AFRICA:** University of Capetown

**SPAIN:** Barcelona Consortium

**UNITED KINGDOM:** *Full Year:* Oxford, Cambridge, Imperial;  
*Semester/Year:* Bristol, Edinburgh, King's, UCL, Warwick, York

### MARINE BIOLOGY / ECOLOGY & CONSERVATION

**AUSTRALIA:** SIT—Natural and Cultural Ecology;  
James Cook University; University of New South Wales;  
University of Queensland; University of Tasmania

**BONAIRE, SOUTHERN CARIBBEAN:** CIEE—Tropical Marine Ecology & Conservation

**DENMARK:** DIS—Marine & Environmental Biology

**ECUADOR:** BU—Tropical Ecology  
IPSL—Evolution, Ecology, and Conservation in the Galapagos  
SIT—Comparative Ecology and Conservation

**EQUATORIAL GUINEA:** Arcadia—West African Bio-Diversity & Economic Development

**MADAGASCAR:** SIT—Ecology & Conservation

**MEXICO:** SFS—Marine Mammal Conservation & Coastal Ecosystems

**PANAMA:** SIT—Development and Conservation

**SOUTH AFRICA:** University of Capetown

**TANZANIA:** SIT—Zanzibar Coastal Ecology

**TURKS & CAICOS, BRITISH WEST INDIES:** SFS—Marine Resource Management Studies

**NEW ZEALAND:** EcoQuest; University of Otago; BU—Auckland Internship Program

**UNITED KINGDOM:** University of St Andrews; University of Sussex

## **NATURAL RESOURCE MANAGEMENT—UNIVERSITY-BASED**

*See Field-based programs under Marine, Tropical or Wildlife Ecology & Conservation*

**AUSTRALIA:** University of Canberra; University of Western Australia; University of New England; University of Queensland

**NEW ZEALAND:** University of Canterbury; Lincoln University; University of Otago

**SOUTH AFRICA:** University of Capetown

**UNITED KINGDOM:** *Full Year:* Oxford, Cambridge, LSE, Durham;  
*Semester/Year:* Bristol, East Anglia, Edinburgh, Nottingham, UCL

## **SUSTAINABLE DEVELOPMENT & COMMUNITY**

**AUSTRALIA:** SIT—Sustainability and the Environment;

**COSTA RICA:** SFS—Sustainable Development Studies;

**ECUADOR:** IPSL—Politics, the Environment, and the Galápagos

**EQUATORIAL GUINEA:** Arcadia—West African Bio-Diversity & Economic Development

**PANAMA:** SIT—Development and Conservation

**NEPAL:** Cornell Nepal Studies Program

**THAILAND:** CIEE—Development and Globalization

**VIET NAM:** SIT—Natural & Cultural Ecology in the Mekong Delta

**UNITED KINGDOM:** University of Sussex; University of East Anglia

**COMPARATIVE / MULTI-COUNTRY:** IHP—Rethinking Globalization: Nature, Culture, & Justice;

IHP—Indigenous Perspectives: Rethinking Governance & Stewardship;

HP—Cities in the 21<sup>st</sup> Century: People, Planning, and Politics

## **PLANT SCIENCES –UNIVERSITY- BASED**

**AUSTRALIA:** University of Tasmania; University of Western Australia; University of Queensland,

**SOUTH AFRICA:** University of Capetown

**NEW ZEALAND:** University of Canterbury; Massey University; Lincoln University;

**UNITED KINGDOM:** *Full Year:* Oxford, Cambridge, Imperial;  
*Semester/Year:* Reading, Sheffield, Leeds, Nottingham

## **TROPICAL BIOLOGY / ECOLOGY & CONSERVATION**

**AUSTRALIA:** SIT—Natural and Cultural Ecology;  
SFS—Tropical Rainforest Management; James Cook University

**BRAZIL:** Amazon Resource Management and Human Ecology

**BONAIRE, SOUTHERN CARIBBEAN:** CIEE—Tropical Marine Ecology & Conservation

**COSTA RICA:** CIEE—Tropical Ecology & Conservation  
OTS—Tropical Biology and Resource Management  
SFS—Sustainable Development Studies

**ECUADOR:** BU—Tropical Ecology

IPSL—Evolution, Ecology, and Conservation in the Galapagos

SIT—Comparative Ecology and Conservation

**EQUATORIAL GUINEA:** Arcadia—West African Bio-Diversity & Economic Development

**MEXICO:** SFS—Marine Mammal Conservation & Coastal Ecosystems

**PANAMA:** SIT—Development and Conservation

**TURKS & CAICOS, BRITISH WEST INDIES:** SFS—Marine Resource Management Studies

**VIET NAM:** SIT—Natural & Cultural Ecology in the Mekong Delta

## **WILDLIFE ECOLOGY & CONSERVATION**

**AUSTRALIA:** University of Canberra; University of Western Australia

**BOTSWANA:** Kalahari Ecology & Conservation

**EQUATORIAL GUINEA:** Arcadia—West African Bio-Diversity & Economic Development

**KENYA:** SFS—Wildlife Management Studies

**MADAGASCAR:** SIT—Ecology & Conservation

**NEW ZEALAND:** Massey University;

**SOUTH AFRICA:** OTS—Wildlife Ecology & Conservation; University of Capetown

**TANZANIA:** SIT—Wildlife Ecology and Conservation

## **SUMMER PROGRAMS**

Cornell Abroad has resources that students can consult for summer study in our library. Cornell Abroad does not administer summer programs and no financial aid is available. Students should check with their college for appropriate paperwork prior to summer study to assure ease in credit transfer after their return. *See the CUAbroad Summer Flyer.*

In general, foreign universities do not run programs in the summer, but there is a wide variety of field based programs (see list of study abroad program providers above). Students from the College of Arts & Sciences do *not* have language requirements for summer programs.