

# Go Abroad in Fisheries and Wildlife Sciences

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Conservation of fish and wildlife and their habitats is an international concern. As human impacts on ecosystems increase, more and more species are declining around the world. Scientists are learning about the interdependence of all natural resources and how human activities in one part of the world can have far reaching effects. Undergraduates majoring in Fisheries and Wildlife Sciences (FWS) are strongly supported in pursuing and completing international experiences. We work closely with each student to explore the best experiential and financial “fit”, and to maximize the learning and credit value of the experience. There is an international experience that will work for every FWS student.

## What types of international experiences can I participate in?

### • Study Abroad:

FWS majors can study abroad in an intensive field-based program or at a variety of international English-speaking schools where they can focus on their major requirements and interests. Students can also elect to study abroad for intensive terms to work on a foreign language. Students who achieve a high enough proficiency in another language can choose to study their major in several other languages around the world.

### • IE3 Global Internships:

FWS majors can participate in internships around the world in such areas as wildlife conservation, agriculture, endangered species recovery, habitat restoration and ecology, marine biology, fisheries management, environmental policy, and many others. Students can generally do internships starting in their junior year. During internships, students can earn up to 12 upper-division credits per term at OSU.

### • International Degree:

Students planning to study a foreign language while in FWS may want to consider the prestigious OSU International Degree (ID). The ID is a unique undergraduate major obtainable only as a second degree. In addition to the FWS major requirements, the ID candidate must: (1) take an additional 32 credits; (2) demonstrate proficiency in a foreign language equal to the completion of the fourth year; (3) spend a minimum of one ten-week term abroad on an approved program (IE3 Global Internships, study abroad, or independent research projects can count for this), and (4) complete a senior thesis. International Degree students can also get special funding for their research abroad. In recent years, FWS students working on an International Degree studied wolf recovery in the French Alps and bird use of isolated wetlands in Oaxaca, Mexico.



“Spending time at Mazumbai showed me a unique view of Tanzania not normally seen by outsiders. In a country known for sprawling savannahs, this rare glimpse into a tropical forest and its people is what studying abroad is all about.”

-Dylan McDowell, Tanzania

## INTERNATIONAL EXPERIENCES CAN HELP YOU...

- Gain experience with different ecosystems, fish and wildlife communities and endangered species
- Understand human impacts and connectivity to global environmental issues
- Learn about international perspectives in biodiversity conservation
- Gain science-based professional skills in fish and wildlife monitoring, management and recovery
- Improve your language skills
- Expand your cross-cultural communication and problem-solving skills
- Globalize your world view, prepare for work in an increasingly diverse and international workplace, and increase sensitivity to environmental issues.

## Can I afford an international experience?

**Yes!** If going abroad is a priority, there is generally a way to make it affordable. Early planning for international experiences helps students make cost-effective program decisions, and it also helps them prepare their finances through savings, scholarships, and financial aid. There is a great deal of variation in costs between programs, and students should carefully consider all of their options before making a decision. Students can apply financial aid and scholarships to approved international programs and, in some cases, financial aid eligibility will increase to cover additional expenses. When comparing the cost of programs abroad, be sure to look at the estimated costs of attending OSU for living and tuition. In many cases the cost of an international opportunity can be comparable or not much more than attending OSU, and the difference can be made up with scholarships or financial aid. The latest estimates for attending OSU can be found at: [financialaid.oregonstate.edu/review\\_costofattendance](https://financialaid.oregonstate.edu/review_costofattendance)

## Will it take me longer to graduate if I go abroad?

With planning, students can complete an undergraduate degree in four years which could involve up to a year of education abroad experiences.

### STUDENTS WHO CHOOSE TO GO ABROAD MAY ALSO BE ELIGIBLE FOR ADDITIONAL SCHOLARSHIPS:

- Students can apply for scholarships through the International Programs Office.
- Students who meet certain criteria such as studying specific languages or being from a small town in Oregon can apply for additional scholarships.
- All OSU students can apply to the OSU Research Office for URISC (Undergraduate Research, Innovation, Scholarship, & Creativity) grants to support their undergraduate research abroad. See the URISC Website [research.oregonstate.edu/incentive/undergraduate-research-innovation-scholarship-creativity-urisc](https://research.oregonstate.edu/incentive/undergraduate-research-innovation-scholarship-creativity-urisc) for details.
- International Degree students can seek additional funding through the International Programs Office for their experience abroad. More information about these scholarships can be found at [international.oregonstate.edu/degree/scholarships](https://international.oregonstate.edu/degree/scholarships)
- All OSU students can apply for numerous national awards that offer larger scholarships. These scholarships are competitive and often have early deadlines so planning ahead is essential. Contact the [International Programs Office](#) for more information.

## When should I go abroad?

- **Freshman Year:** Students should begin planning for a future study abroad or IE3 Internship. Summer after freshman year is the earliest time.
- **Sophomore Year:** Students can study abroad for the entire year, but it is not recommended for a single term due to science series coursework such as chemistry and biology. It is best for students thinking of going abroad in their junior year to complete biology and ecology their sophomore year.
- **Sophomore/Junior Summer:** Students can study abroad for the entire year or a single term.
- **Junior Year:** Students could do an international experience for a single term or a year. Students planning to do an IE3 Internship should plan in advance with their academic advisor.
- **Junior/Senior Summer:** Students can study abroad or do an IE3 Global Internship.
- **Senior Year:** Students can study abroad or do an IE3 Global Internship. Consultation with their advisor prior to participation is strongly recommended. It is generally not a good idea to go abroad the last term of senior year.

## How do I select an international program?

- **Start planning now.** Begin to plan at least six months in advance of going abroad. Give yourself time to research programs and talk to advisors and students who have gone abroad to the site(s) you are interested in. It is never too early to start planning.
- **Set goals.** There is not one program best suited for all students. The best one for you depends on your specific needs and wants. If you plan to study abroad, one important consideration is whether you want to study a language, focus on your major, minor, electives, or Baccalaureate Core courses.
- **Prioritize your goals.** Consider your long-term academic and professional goals, as well as your on-campus degree requirements. Study abroad courses may count toward courses in your major, while internships give you upper-division credits and a valuable professional experience.
- **Prepare academically.** You may need to take language or other prerequisite courses for your chosen program. You should also talk to your academic advisor about the timing of when you take sequences or single-term courses related to progress in your major. IE3 Internships are open to juniors and seniors. Students can study abroad as sophomores.



## What are my first and next steps?

### IE3 GLOBAL INTERNSHIPS STEPS

1. View the online First Steps presentation:

[oregonstate.edu/instruct/dce/idea/fs/](http://oregonstate.edu/instruct/dce/idea/fs/)

2. Research internships

- Check the list of IE3 Global Internship positions at the back of this brochure.
- Research IE3 Global Internships: [international.oregonstate.edu/ea/students/international-internships/ie3-global-internships](http://international.oregonstate.edu/ea/students/international-internships/ie3-global-internships)

Use the descriptions to find out more about the internship site – type and size of organization, position requirements, length and timing, etc.

- Come up with a list of several internship options that look good to you.

3. Talk to an academic advisor in your department

- Make a plan for the timing of your internship, based on your program requirements and availability of your major courses.

4. Complete the [pre-advising form](#) by following the instructions provided in the First Steps presentation and [email](#) with your availability or bring to your Next Steps (peer-advising appointment) with an International Ambassador.



“Trust me, it’s paradise. This is where the hungry come to feed. For mine is a generation that circles the globe and searches for something we haven’t tried before. So never refuse an invitation, never resist the unfamiliar, never fail to be polite and never outstay the welcome. Just keep your mind open and suck in the experience. And if it hurts, you know what? It’s probably worth it.”

-Iris Godfrey, IE3 Elephant Nature Foundation, Thailand

5. Meet with an education abroad advisor (to be scheduled following your Next Steps meeting) at OSU GO to discuss questions, applications and other information about each program.

6. Application

- Fill out the OSU GO application by clicking the ‘apply now’ button on the [OSU GO internship page](#).

- There is a second application found on [IE3 Global’s website](#) specific to your internship

- Take note of application deadlines. (Deadlines for IE3 Global Internships are generally two terms prior to departure.

- Application deadlines can be found at website referred to in step two.

- Applications typically include recommendation forms, essays, a current resume and college transcripts.

- Plan to start your application one month before it is due.

## STUDY ABROAD STEPS

1. View the online First Steps presentation to learn the basics of education abroad: types of programs, credits, scholarships and financial aid. [oregonstate.edu/instruct/dce/idea/fs/](https://oregonstate.edu/instruct/dce/idea/fs/)
2. Check the list of study abroad options in this document, research programs you are interested in at the International Programs website: [international.oregonstate.edu/osugo/programs/search](https://international.oregonstate.edu/osugo/programs/search) and/or come to University Plaza for any questions to be answered by ambassadors.
3. Talk to an academic advisor in your department
  - Make a plan for the timing of your study abroad, based on your program requirements and availability of your major courses.
4. Complete the [pre-advising form](#) by following the instructions provided in the First Steps presentation and [email](#) with your availability or bring to your Next Steps (peer-advising appointment).

5. After you've attended a Next Steps meeting, schedule an appointment with a study abroad advisor by calling 541-737-3006 or following your Next Steps meeting with the help of an ambassador. The advisor can answer your questions regarding further site specific information and the application process.

### 6. Application

- Fill out the OSU GO application by clicking the 'apply now' button on the specific OSU GO program page.
- Complete all items on your dashboard
- Take note of application deadlines. Each program has a specific application deadline. Deadlines are typically six months before the start of the program. Application deadlines can be found on each program webpage.
- Plan to start your application one month before it is due.

- There is a second application required. This will be found on the program provider's website. Follow the link listed on the OSU GO program page.

### 7. Final Course Selection

- Research specific courses that would be offered at the foreign university during your time abroad. Find out what an average course load is for students at the foreign university.
- Fill out an Academic Planning form found at: [international.oregonstate.edu/osugo/academic-resources/academic-planning-form](https://international.oregonstate.edu/osugo/academic-resources/academic-planning-form) and make an appointment with your Academic Advisor to discuss what you have come up with.

**Finalize your course plan before you leave and keep in contact with your Academic Advisor if you have any questions while abroad.**

**DEFINITIONS:** Program provider: Company providing international experiences to US college students [CIEE, IFSA-Butler, AHA, API, SIT, SFS, IE3-Global, SAS, SEA Semester]

OSU Exchange: OSU students take classes with host-country students; these can be more competitive, but allow Oregon-residents to pay in-state tuition while studying abroad

Direct Enrollment: OSU students enroll in university courses with host country students and pay host university tuition or program provider rates [OSU, IE3 Global, IFSA-Butler]

Departmental/Faculty-led: Program led or sponsored by OSU department

#### DEPARTMENTAL

Contact Dan Edge

[Daniel.edge@oregonstate.edu](mailto:Daniel.edge@oregonstate.edu)

#### CHILE

##### [Agriculture and Natural Resources](#)

Students take four classes taught by OSU professors. The first three are in English, the fourth in Spanish. Located in Chillan, the central valley region of Chile and one hour from the ocean and volcanic mountains. Language Requirement: one year of college Spanish or three years of high school Spanish. Available: winter term. Contact: Dan Edge, [Daniel.Edge@oregonstate.edu](mailto:Daniel.Edge@oregonstate.edu)

#### STUDY ABROAD OPPORTUNITIES

Contact International Programs

541-737-3006 or [study.abroad@oregonstate.edu](mailto:study.abroad@oregonstate.edu)

#### AUSTRALIA

##### [Deakin Campuses in Burwood, Melbourne; Geelong; Warrnambool](#)

Students can pick to study in a metropolitan area or a smaller community. Students can study fisheries & wildlife or marine biology among other subjects. Available: Summer-Fall (July-November), winter-spring (February-June), or year-long. Language requirement: English.

##### [James Cook University, Queensland](#)

James Cook has long been respected as a world leader in several biology-related fields, especially marine science and tropical environment studies. Located in Townsville near Cairns and the Great Barrier Reef. Available: Summer-Fall (July-November), winter-spring (February-June), or year-long. Language requirement: English.

##### [Macquarie University, Sydney \(Exchange\)](#)

Study biology coursework, as well as health and behavioral sciences. Macquarie is located among rolling hills just twelve miles north of warm and sunny Sydney. Macquarie is a large, comprehensive university with 30,000 students. Available: Summer-Fall (July-November), winter-spring (February-June), or year-long. What: Study biology coursework, as well as health and behavioral sciences. Language requirement: English.

#### COSTA RICA

##### [Atenas: Sustainable Development Studies](#)

Students will examine management schemes, identify the benefits of protected areas, and determine which systems offer the best option for economic development, the maintenance of cultural norms, and the preservation of biodiversity. Available: Fall, winter-spring, summer. Language Requirement: one college level Spanish course.

##### [Monteverde: Tropical Ecology and Conservation](#)

Study the amazing biodiversity of the Monteverde Cloud Forest through classes and independent research. Available: Fall, winter-spring, summer. Language Requirement: English.

#### ECUADOR

##### [Universidad San Francisco de Quito, Cumbaya](#)

Nestled high in the Andes Mountains, Quito is the center of Ecuador's political and cultural activity. The University is a dynamic institution and has garnered a reputation for academic quality, innovation, and a diverse curriculum. Coursework is available for intensive Spanish study, as well as enrollment in biology coursework, health sciences, ecology, and microbiology with other Ecuadorians. Available: Summer, fall, winter-spring, or year-long. Language requirement: 2 years of Spanish.

##### [Universidad San Francisco de Quito-GAIAS Institute](#)

In the Galapagos Islands, you will take courses in the natural and social sciences taught in English. Language requirement: English

#### KENYA/TANZANIA

##### [COMPARATIVE WILDLIFE MANAGEMENT STUDIES](#)

Study Wildlife Management among world famous na-



“It’s not possible to sum up my experience in a sentence or two. Studying abroad taught me more than I could have ever imagined and I met so many amazing people!”

**Avery Grant**  
**Galapagos Islands, Ecuador**



tional parks and the Maasai people in Kenya and Tanzania. Available: Summer, fall, winter-spring. Language: English. Prerequisites: One term of college level Biology/Ecology.

## **PACIFIC OR ATLANTIC**

### **S.E.A. SEMESTER**

Study marine science and oceanography and then learn to sail while conducting research in the Atlantic or Pacific. Available: Fall, spring, summer. Language: English.

### **SEMESTER AT SEA**

Semester at Sea is a pioneer and leader in global, comparative education—a form of international study that focuses on surveying the world’s peoples, patterns, cultures, and traditions. Global, comparative education is the element that distinguishes Semester at Sea from other study abroad programs. Operating a traveling shipboard campus allows diverse learning communities to live and learn in close quarters as they travel the world, and SAS provides opportunities for intensive engagement, reflection, interaction, and exchange that simply aren’t available with other programs. Available: Fall, spring-winter. Language: English.

## **NEW ZEALAND**

### **University of Otago, Dunedin**

Study biology at New Zealand’s oldest university. Dunedin, the second-largest city in the South Island, stretches gracefully across steep hills that sweep down to the head of the long inlet that forms Otago Harbor. It is a true university town with

the university being the city’s main feature. Available: Summer-Fall (July-November), winter-spring (February-June), or year-long. Language requirement: English.

## **UNITED KINGDOM**

### **WALES**

#### **Bangor University, Wales**

Study biology and marine biology at Bangor which has 8000 students in 18 different academic departments. Bangor has a unique and stunning location being located between the Snowdonia Mountain range and the Irish Sea. Located on the North West Coast of Wales, this quaint little city of 12,000 residents contains an excellent university for the study of marine science. Available: Fall, Year-long. Language requirement: None.

These are just a few of your options. If you prefer to do an intensive language program or work on baccalaureate core and elective credit for a term, there are many other OSU sponsored programs. Visit the OSU Study Abroad Website for a complete list of international opportunities <http://oregonstate.edu/international/studyabroad>.

## IE3 GLOBAL INTERNSHIPS

Contact International Programs

541-737-3006 or [study.abroad@oregonstate.edu](mailto:study.abroad@oregonstate.edu)

### AUSTRALIA

[Internships Down Under: Individualized Placements](#) Explore your career down under through individualized placements primarily in the Sydney and Melbourne areas of Australia in almost any field! Other cities may be available depending on your career interest. Language: English Available: Fall, Winter, Spring, and Summer terms Duration: 10-12 or 13-26 weeks

### CHILE

[CODEFF - Comité Nacional Pro Defensa de la Fauna y Flora – Concepcion](#): CODEFF is a citizen-centered NGO which works to conserve nature and the environment in Chile and to promote sustainable development. Interns work on tasks such as campaigns, projects, presentations, and research. Option to work with a project that receives injured animals. Language Requirement: Beginning or Intermediate Spanish. Available: calendar year. Duration: 3-6 months

### COOK ISLANDS

[The Esther Honey Foundation, Inc. - EHF Animal Clinic Rarotonga, Cook Islands, South Pacific](#): Gain valuable experience working for a busy veterinary clinic in the Cook Islands! The purpose of EHF is to improve the health conditions of domestic animals in the Cook Islands (South Pacific) by providing a veterinarian and technicians for the islands. Language Requirement: English. Available: spring or fall term. Duration: 6 months preferred, 3 months possible.

### COSTA RICA

[Organization for Tropical Studies: Las Cruces Biological Reserve and Wilson Botanical Garden - San Vito, Coto Brus](#): Las Cruces Biological Station manages land for resource conservation, research and education. The station protects a watershed, native vegetation, and works to contain areas of livestock and agricultural development. Interns participate in station research projects and educational activities. Language Requirement: 2nd year Spanish. Available: academic year. Duration: 10-12 weeks minimum, more preferred.

### ECUADOR (including the Galapagos Islands)

[Equilibrio Azul - Puerto Lopez](#): Interns work on a number of coastal projects and fisheries based in Puerto Lopez, Ecuador

as well as the nearby Machalilla National Park, a coastal forest and marine park in the southern part of the province of Manabí. Projects may include: taking daily fish haul data and price and sales information from local subsistence fishermen, especially for shark and rays; take data on sea turtle nesting locations, conditions and numbers. Language Requirement: beginning to intermediate Spanish. Available: academic year. Duration: 10-12 weeks minimum

[Fundacion Jatun Sacha – various](#): Jatun Sacha is a well established environmental conservation organization in Ecuador. Interns work at one of several biological reserves at the coast, the Amazon, the Galapagos or the highlands of Ecuador. Activities including data field research, environmental education, community service, plant conservation, agroforestry, horticulture, aquaculture, marine conservation or reserve maintenance. Language Requirement: beginning to intermediate Spanish. Available: academic year. Duration: 10-12 weeks minimum

[Jatun Sacha - Galapagos - San Cristobal, Galapagos Islands](#): Jatun Sacha is a well established environmental conservation organization in Ecuador. The biological field station on the island of San Cristobal, Galapagos hopes to develop technologies to reconstruct native habitats. Interns will work on both the habitat restoration and agricultural components of the Station and lead destination hikes. Language Requirement: beginning to intermediate Spanish. Available: academic year. Duration: 10-12 weeks minimum

### GABON

[Gabon Biodiversity Program, Smithsonian Institution –Gamba](#): Contribute to the Smithsonian Institution's biodiversity research, conservation and educational efforts in an area with high biodiversity, and the largest oil exploration and development in Gabon. The interns work on research and education projects studying the very high biodiversity of this stunning region. Language Requirement: 2nd year French. Available: academic year. Duration: 3 months

### INDIA

[Ashoka Trust for Research in Ecology & the Environment \(ATREE\) – Bangalore](#): Bangalore office based internship to assist in development with research and education on sustainability and environmental issues.



Master's degree students are considered for research support, while interested undergraduates may assist with promoting communication materials and website support for programming needs. Language Requirement: English. The regional language is Kannada. Available: calendar year. Duration: 3-6 months

[VANASTREE - the Malnad Forest Garden and Seedkeepers' Collective - Karkolli Village, near Sirsi](#): Work with an environmental organization in a small town and on a rural farm to help with projects focused on education, sustainability, seeds, and maintaining the biodiversity in the Western Ghats. Language Requirement: English. The regional languages are Hindi and Kannada. Available: academic year (not including summer). Duration: 3-6 months

## NAMIBIA

[Cheetah Conservation Fund \(CCF\) – Otjiwarango](#): Assist in education programming, animal care, research and non-profit administration at this preeminent research and conservation center in rural Namibia. Work to preserve the habitat and future of the cheetah in the Kalahari bush. Interns will participate in a variety of tasks and operations of the program. Language Requirement: English. German can come in handy with the abundance of German visitors. Available: academic year. Duration: 10 weeks.

## NEW ZEALAND

[The New Zealand Department of Conservation - Multiple Locations](#): Gain experience working in conservation learning and implementing progressive conservation management practices in New Zealand. The types of conservation projects vary from year to year and may include the following: mainland island projects, native bird recovery programs, freshwater surveys and wetland restoration, plant surveys and weed control, lizard surveys and predator control, marine reserve research, and bat surveys. Language Requirement: English. Available: during US winter, October-March available. Duration: 10 weeks minimum

## PANAMA

[Smithsonian Tropical Research Institute - Panama City and other](#): The Smithsonian Tropical Research Institute (STRI) is a premier international research center. STRI conducts scientific research and explorations of natural history at 7 different terrestrial and marine field stations equipped with modern laboratories and dormitory facilities. Interns will help support researchers in ecology, anthropology, paleontology, evolutionary biology, molecular phylogenetics, biogeography,

animal behavior, soil sciences, physiology of tropical plants or animals, neurobiology and paleoecology research. English required. Spanish helpful for daily living. Language Requirement: beginning Spanish. Available: academic year. Duration: 10 weeks minimum

## SOUTH AFRICA

[Table Mountain Conservation and Marine Research - Cape Town](#): Placements in a variety of divisions of the Table Mountain National Park, a unique Cape Town ecosystem. Internships are tailored to the applicant's interests and experience. Opportunities exist in both land and marine conservation and in research, education and monitoring. Language Requirement: English. Available: calendar year. Duration: 11 weeks

## THAILAND

[Save Elephant Foundation - Chiang Mai](#): Elephant Nature Foundation increases awareness about the endangered Asian elephant, educates locals on the humane treatment of their elephants, and provides sanctuary for rescued elephants at their nature park. Gain valuable project management experience by assisting with promotional work, travelling to villages to help educate, and helping to manage eco-tourism groups, conservation events and planning. Language Requirement: English is the working language but Thai and some local languages are spoken as well. The more you are willing to learn, the better! Available: academic year. Duration: 3-6 months

## UNITED KINGDOM

### SCOTLAND

[Scottish Seabird Centre - North Berwick](#): The Scottish Seabird Center is a charity dedicated to inspiring people to appreciate and care for wildlife and the environment. All proceeds are reinvested in the work of the charity and the Center relies on the help of all its volunteers, members and sponsors to survive. The award-winning Center is a Visit Scotland five star attraction and is committed to providing a high quality service, while benefiting our local environment, wildlife and community. The Seabird Center is set in a stunning location overlooking the islands of the Firth of Forth and the white sandy beaches of North Berwick. Opportunities exist in teaching/educational programs, the Discovery Center, and Center events and exhibits. Language Requirement: English. Other European languages helpful. Available: fall, winter, spring, summer. Duration: 3 months