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## SCIENCE AND RESEARCH INTERSHIP

### ECUADOR

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*The Jocotoco Foundation contributes to the conservation of Ecuador's more important and endangered ecosystems by establishing private reserves, which provide the last best refuge for endangered birds and other important rainforest species. The Rio Canandae Reserve in particular provides protection for the vulnerable Long Wattled Umbrella Bird, the rare Brown-headed Spider Monkey and new species of frogs for science among others. Galapagos Islands*

### Program

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#### Day 1

Travel from your home and arrival at the Quito, Ecuador airport and transfer to hotel in Quito. Enjoy a welcome dinner and rest to begin the adventure.

Quito, Ecuador, Situated in the Avenue of Volcanos.



#### Day 2



Travel from Quito, Ecuador up and over the western flank of the Andes Mountains and down to the coastal Rio Canandé and Tesoro Escondido Reserve, owned and managed by the Jocotoco Foundation. Dinner and night time orientation to course and these reserves. We will see a great variety of different ecosystems, mountain towns and coastal farms on this trip.

Tesoro Reserve

## Day 3-6

Participate in some projects and activities like: bird observation and identification, primate monitoring activity (spider monkeys, howler monkeys and capuchin monkey), camera trap exercise, treasure hunting activity using GPS, reforestation activity, swimming in the rivers and waterfalls, mini photography course, bat identification and conservation, mammal print identification



## Day 7



Return travel to Quito. Visit the Middle of the World Monument and in the hotel, so be sure to pack whatever you need for the beach in your carry-on.

## Day 8:

Early morning departure for the airport. Please keep in mind that once we're on the islands, you'll only have brief access to your checked-in luggage.



Once we land on Baltra airport, we will visit lava tubes, Chato the tortoise reproduction center and Twin craters and after lunch visit the Charles Darwin Station

## Day 9:

Early in the morning we'll visit las grietas and Alemanes Beach, after lunch take a boat to San Cristobal then head for our introductory hike and swim in La Lobería, a great place to see sea-lions. Evening discussion of formation of the islands.



## Day 10:



Boat trips to Cerro Brujo, Puerto Grand and, León Dormido. These are wonderful sites for snorkeling, swimming and observation of sharks, seaturtles, sea lions, sea birds and more. Afterwards, we'll review the species that we've seen in the ocean and their ecology. Free time for shopping in evening.

## Day 11:

Visit to San Cristobal Island's Interpretation Center, followed by a short hike to Tijeretas Cove. Return to Quito, city tour in the historic colonial district and farewell dinner in the evening.



## Day 12:



Departure for home. Your course leaders will accompany you to the airport and wait for a short time outside of security to handle any possible last-minute needs.

## Day 13:

Transfer to airport and return to your home.



## Cost

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- All included: \$2.700

## Include

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- Accommodation in shared rooms 3 and 4 \*
- Breakfast, lunch, snack and dinner during your visit in Ecuador
- Flights within Ecuador
- Transfer airport
- Ground transportation during activities
- Welcome Kit
- Classes designed and taught by Jocotoco tutors
- A variety of carefully planned skill workshops
- Includes all excursions and activities indicated
- Participation certificate
- Taxes
- 1 teacher free with all included

## What to Bring:

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### Recommendations:

Bring clothing for fairly warm weather-shorts, t-shirts and light long pants or light long sleeve shirts, and a medium jacket or sweater for Quito, Ecuador which can have night temperature around 50 degrees.

Bring a couple sets of swimming suits for Galapagos as we will be in the ocean nearly every day.

Bring lots of sun screen!!!

Insect Repellent!

Digital Cameras

### Optional

Binoculars-for better views of distant wildlife at the Canandé Reserve, on the Galapagos you can have very close views of all types of animals.

(We can rent snorkels and fins on Galapagos, and life jackets are provided on the boat trip-if you have your own snorkel bring it along.)

You probably won't need everything on this list, **take it as a reference only.**

### Bags

- Rucksack - 50litres is good. It should be a bag **you can carry yourself.**
- Day pack - 25litres is enough.
- Stuff sacks / dry bags / plastic bags / ziplock bags / garden bin liners – take a variety of sizes to keep your stuff dry, make sure they are fairly sturdy but you don't need to spend a fortune, two big ones to line your main pack and day back, then smaller ones to keep dry equipment, sleeping stuff, and other vitals, and for all sorts of uses.
- Cable-lock or padlocks - to secure your bags during travel



## Sleeping

- The Reserve provides sheets and blankets.

## Clothes

- Something to work in, probably 2 sets (zip off field trousers are good, plus work shirt, both in lightweight cotton, quick drying!).
- Spare dry/clean set of clothes for evenings / time off (light, long sleeves/legs for mosquito protection)
- Something to sleep in
- Lightweight fleecy jacket/sweater for rainy / chillier times.
- Waterproof jacket and trousers – decent waterproofing but don't spend a fortune on something that might rip, also no bright colours for fieldworkers!
- Underwear
- Sun hat
- Swim suit (2 sets)

## Shoes

- **Wellies are basic for fieldwork**, and you can buy them in Ecuador for a cheap price (\$10).
- Ankle high walking boots - breathable, light, tropical-style, make sure you have broken these in beforehand to avoid blisters.
- Sandals / flip flops – good for wandering about and washing in
- Trainers for evenings
- 2x pairs (at least) walking socks (important!)

## Misc

- (girls) Light sarong/shawl/bandanna type piece of cloth, quite useful.
- Towel – there are some good trek towels that fold up small
- Money pouch – wallets get stolen easily, you can buy pouches that hang from round your neck or around your waist, or use a small shoulder bag, something that can't be easily pickpocketed or cut off you.
- Small Tupperware box – can put your first aid kit in it to travel, then use it for lunch, waterproofing things, or all manner of uses.
- Small headtorch and spare batteries
- Water bottle (there are really useful water bottles with filters integrated)
- Penknife –Swiss army (optional though quite useful in the field)
- Safety pins/sewing mini kit
- Insect repellent – something with DEET in it. Don't use 100% on your skin; use it for spraying on cotton clothes/hat etc. to keep the bugs off. Then use a much lesser concentration on your skin.
- Sunglasses
- Binoculars, camera
- Travel guide/a good book



## Toiletries

- Biodegradable shampoo/soap. (We provide this, however you can also bring your own if you want. Lush has excellent options).
- Biodegradable wash stuff for clothes etc (we provide this as well but you can bring your own if you want)
- Razor / toothbrush / toothpaste
- Tampons / sanitary towels
- Toilet roll