

FIELD ITINERARY: EXAMPLE 1

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IMPORTANT TRAVEL NOTES:

IN THE US after you check in, **SAVE YOUR BAGGAGE TAGS** somewhere safe. You will need them in Quito to get your bags.

Read this ENTIRE ITINERARY NOW and then each night in Ecuador, re-read what's coming the next day. Be a clued-in traveler.

READ THIS NEXT PART IN RED SEVERAL TIMES until you have absorbed it completely and it has become part of your being. It's all really important. Especially the bit about tap water and saving your baggage tags and immigration paper.

Upon arrival in Quito, you must do the following:

1. Fill out the form they give you on the plane. Be sure to list it as a TOURIST activity, not school or business or anything else.
2. First you will go through **immigration**. They will give you a FORM (if they don't, ask for one) that you **MUST SAVE** to exit Ecuador. Put it in a safe place that will be safe the whole trip.
3. Then you will pick up your bags. If they don't arrive, go to the desk of your airline and let them know ASAP, tell them my cell phone number and tell them that you are with ECUADOR JOURNEYS travel agency.
4. Then you go through customs, where they will probably just wave you and your bags through. They may search you, but just let them.
5. **Then one last guy stops you and asks for your baggage check tag, which he has to peel off and keep along with the tag on your baggage itself. They won't let you out without it.**
6. Once you emerge, do two things: a) **KEEP YOUR BAGS CLOSE TO YOU AT ALL TIMES** (esp. any small bags; keep your valuables on your person and never ever leave a bag sitting anywhere unattended anywhere in the airport); and b) look for someone with a sign for you that says **Colgate University**, (you can ask if they are with Ecuador Journeys, the travel agency meeting us). They will take you to the hostel directly, you don't have to pay anything but you can tip the driver \$1 if you like.
7. If you are in town early enough for dinner, there are lots of places around the hotel. It is a tourist area, but you should once again keep close track of any valuables you have on your while you're out on the street (avoid carrying

camera bags or anything major that isn't well connected to you), don't carry a lot of cash on you, and don't do anything stupid. Just be alert.

8. **Don't drink any tapwater anywhere in Ecuador. Don't brush your teeth in it, but you can shower/wash in it just fine.** There will be bottled water for you at the hostel I'm sure, and if not, ask to buy some from the hotel people or go to a little store down the street (there are tons) and get some. Also avoid eating any uncooked vegetables unless you have an iron stomach like Rader does (so you might not want to follow her dietary lead...).
9. **We are leaving at 8:15 AM from the hostel lobby, be packed up and ready to leave for the next place, leave nothing behind, but pack a daypack with stuff for the day's activities. We'll be buying lunch at a restaurant or market midday.**

STUFF TO PACK EACH DAY:

Rain coat

Rain pants

Hat

Sunscreen/ Sunglasses

Water (there will always be water on the bus)

Bagged lunch (we'll always pick those up at each hotel that AM)

Hiking shoes/boots

Pen/pencils

Field book

Field guide

Wear clothes that can get dirty and that you can layer according to temperature changes

Some cash

We will probably store all your passports in a lock box at each hotel so you don't have to carry those.

Other stuff you might like, including camera

Toilet Paper (a stockpile of the white stuff will be available on the bus)

GROUP EQUIPMENT

White Board/ Markers

Hard Hats

Trowels

Maps

Assignments

Field guides

Laptop

Projector

ITINERARY

Day 1:

Arrival in Quito.

Transfers for all students to the Crossroads hostel, located at Juan Leon Mera and Foch:

<http://www.crossroadshostal.com>
info@crossroadshostal.com

Students on their own for dinner and late night activities, according to their arrival times.

Day 2:

Buffet Breakfast at Crossroads

Departure 0815h in the lobby, leave no later than 0830h.

Water on buses

AM: Walking tour of Quito with English speaking guide (AM only), including Teleferico

- a. Introduction to Ecuadorian regional geology if views are good from summit/summit restaurant

PM: Drive to Cotopaxi

- b. Stops en route:

- i. Lunch at a restaurant en route, maybe market stop
- ii. Quebrada Agualongo: Ashfall deposits and small secondary lahars
- iii. Lahar plains in front of Limpiopungo

3. Dinner & Lodging at Tambopaxi (Shared lodging)

Phone: (593-99) 448-223

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

4. Presentation on Cotopaxi 20:00-21:00. 2100h: lights out at 21:00; it's for the people climbing the next day so we have to comply

Day 3:

1. Breakfast at Tambopaxi

2. If the weather is decent, drive up to parking lot for view, hike to refugio perhaps. Sunglasses and sunscreen a must.

3. Drive to Tungurahua

- a. Stops en route:

- i. Cutuchu Quarries: Cotopaxi lahar deposits exposed
- ii. 200,000 year old Chalupas Caldera Deposits: quarry just before Latacunga
- iii. Tambopaxi Box Lunch

4. In Baños:

- i. Las Juntas Bridge for intro to Tungurahua geology and recent eruptive history
- ii. Vascun Valley quarry visit (intro to deposits identification, perhaps hike up the Vascun Valley), consider Baños hazards/hazards map from that perspective.
- iii. OVT for introduction to volcanic monitoring

5. Drive to Hosteria Viña del Rio, Lodging & Dinner

Phone: (593-3) 287-0139

<http://www.hosteriaViñadelrio.com/es/indexIntro.php>

6. Optional evening activities (weather/view dependent): a) Talk on DOAS; b) volcano monitoring at Tungurahua; c) drive to get best view of Tungurahua; d) return to Baños for hot springs; e) how to read seismograms.

Day 4:

1. Breakfast Viña del Rio
2. Las Juntas Quarry Formation: build stratigraphic column and focus on distinguishing lahar, PF, and fallout deposits.
3. Box lunch and hike up Juive Grande pyroclastic flow
4. Drive to Palitahua to see PF, lahar deposits (drive is roughly 1:30)
5. Drive to Hosteria Viña del Rio. Lodging & Dinner
6. Optional evening activities (weather/view dependent): a) Talk on DOAS; b) volcano monitoring at Tungurahua; c) drive to get best view of Tungurahua; d) return to Baños for hot springs; e) how to read seismograms.

Day 5:

1. Mountain bike ride from Juive to Bilbao and beyond along flanks of Tungurahua
 - a. Activities en route:
 - i. Stop in Casua and trek up over PF deposits, past bombs, to lava flows. This will take a few hours.
 - ii. Estimate the cross sectional area and velocity of recent lahar deposits
 - iii. Isopleth map making while biking
 - iv. Box lunch en route
2. Bike down, across Rio Chambo to meet bus and return bikes
3. Dinner at Hosteleria Viña del Rio
4. Optional evening activities (see options above)

Day 6:

1. Free day in Baños; activities to choose from Guide's list, or fend for themselves in Baños.
2. Return to Quito.
3. Dinner & lodging at Casa y Campo

Phone: (593-2) 265-0849 or (593-98)154-489

Day 7:

1. 05:30 departure for Guagua Pichincha, 4WD to refugio. We want to reach the refugio around 7AM to avoid inclement weather
 - a. Stops en route:
 - i. El Cinto Ridge: talk about the volcanic history and development of the Pichincha massif
 - ii. Road cut: look at the different PF and ash fallout layers
 - b. Hike to crater rim (30 min), then to summit if the weather is good.

Tour Includes:

Private transportation through out the trip.
4WD to Guagua Pichincha
2 Smaller buses for Pululahua
All Transfers In & Out
English speaking guide for Teleférico and Colonial Quito.
Guide to enter Cotopaxi National Park (by law)
Entrance fees for Guagua Pichincha, Colonial Quito and Teleférico (Express Gondola)
Mountain bikes for both days (Guagua Pichincha & Baños) with back up transportation
Lodging in Mariscal area (Crossroads Hostel)
Lodging in mentioned hotels (Shared lodging)
Mentioned meals & activities (Complete flexibility with stops & schedule)
Meals & Lodging free for 2 directors in Private room (where possible)
All local taxes

Tour doesn't Include:

Cotopaxi Entrance fees (\$10)
Pululahua Entrance fees (\$5)
Other Entrance fees (+/- \$5)
Anything not mentioned in the itinerary
Any extra activities (Baños)
 Tips and personal spending

List of Activities for Students (stops plus PM presentations)

Quito to Tambopaxi:

1. Orientation/introduction to Ecuadorian regional geology (casual) if views are good from summit of Teleferico
2. Quebrada Agualong: ashfall deposits, secondary lahars
3. Lahar plains near Limpiopungo
Consider Cotopaxi hazards map somewhere in here
4. Evening: Presentation on Ecuadorian volcanoes

Tambopaxi to Baños:

1. Refugio hike for views if weather ok
2. Cutuchu Quarries: Cotopaxi lahar deposits exposed
3. 200,000 yr old Chalupas caldera deposits, quarry just before Latacunga
4. Las Juntas bridge, intro to Tungurahua and recent eruptive history at lava flow
5. Vascun Valley quarry: learn to ID different deposits, hike up valley,
Also consider hazards map of Baños
6. OVT visit
7. Evening: Optional evening activities (weather/view dependent): a) Talk on DOAS; b) volcano monitoring at Tungurahua; c) drive to get best view of Tungurahua; d) return to Baños for hot springs; e) how to read seismograms; f) Galapagos intro; g) Civil Defense talk

NEED: Projector, room in evening, seismograms for seismic activity if doing it, hazard maps of Baños area/Tungurahua, measuring tape/paper/trowel for quarry, hard hats

Baños:

1. Las Juntas quarry: strat column, focus on distinguishing lahar, PF, fallout deposits, reconstruct history of volcano (recently).
2. Juive Grande PF hike. Observations about PF from this perspective vs that of the quarry, how different, how can deposits be altered and what happens to them to make them hard to interpret when seen in x-section view (discussion).
3. Drive to Palitahua to see PF, lahar. Perhaps try to reconstruct what happened here through observation?
4. Evening: Optional evening activities (weather/view dependent): a) Talk on DOAS; b) volcano monitoring at Tungurahua; c) drive to get best view of Tungurahua; d) return to Baños for hot springs; e) how to read seismograms; f) Galapagos overview; g) Civil Defense talk

NEED: Projector, room in evening, seismograms for seismic activity if doing it, measuring tape/paper/trowels for quarrying, hard hats

Baños:

1. Juive to Bilbao mountain bike ride:
 - a. Stop in Casua to trek up over PF deposits, past bombs, to lava flows.

- b. Estimate x-sectional area and velocity of recent lahar deposits
- c. Isopleth map making while biking
- 2. Evening: Optional evening activities (weather/view dependent): a) Talk on DOAS; b) volcano monitoring at Tungurahua; c) drive to get best view of Tungurahua; d) return to Baños for hot springs; e) how to read seismograms; f) Galapagos overview; g) Civil Defense talk

NEED: Projector, room in evening, seismograms for seismic activity if doing it, Maps of Tungurahua along road to Riobamba, measuring tape/rulers, helmets for biking, lunch.

Free day plus Baños to Quito:

Quito:

- 1. El Cinto Ridge: volcanic history and development of Pichincha massif, hazards map (assignment for class)
- 2. Road cut: PF and ash fallout layers, reconstruct history of GP (assignment for class)
- 3. Hike to crater rim, summit if weather cooperates
- 4. At rim: summarize historical activity, dome formation, 1999 eruption for them, perhaps do the stuff from (1) this day here instead.
- 5. Refugio, work on hazard maps
- 6. Evening: Salsa lesson

NEED: GP maps with Quito, trowels for deposits at road cut, Hard hats, history of GP recent activity

Mitad del Mundo area:

- 1. Pululahua caldera rim:
 - a. Stop at 4 major outcrops along the way
 - b. Hike into crater
- 2. Sincholahua dome
- 3. Catequilla anticline
- 4. Gravel and sand quarry
- 5. Mitad del Mundo: wander on own