



**Wildlife Veterinary and Conservation  
Medicine  
Summer Program**

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## Program DESCRIPTION

### Program Objective

This program offers a **6 week, 6 credit** program focusing on wildlife veterinary and conservation medicine. Students will gain an understanding on the active roles that veterinaries have in shaping the challenges and solutions of biodiversity conservation and sustainable development. Through the framework of One Health, an interdisciplinary approach of the connections and interactions between the health of animals, humans, and ecosystems, students will participate in hands-on activities and field work to gain knowledge, skills and abilities in wildlife veterinary and conservation medicine.

### Program Activities

Students will learn and discuss about medical cases, species identification, animal welfare, biodiversity conservation, and wildlife management. Hands-on activities will include animal handling and restraint, diagnosis, emergency response, clinical treatment, rehabilitation, release, necropsy and forensic techniques.

Theoretical academic studies and hands-on activities will take place at USFQ's Cumbayá Campus, located in Quito, capital city of Ecuador, and at the TUERI Wildlife Hospital, next to the Cumbayá Campus, dedicated to providing free, specialized, comprehensive, high-quality veterinary care to sick, injured and orphaned wild animals.

Working hours with wild animals at the hospital will depend on the animals we have in at the time and on the level of care they will need. Usually, students will work between 3-6 hours per day, scheduled between 8am till 8pm.

During the field work portion of the program, students will visit ex-situ conservation programs (Baños Zoo and El Jardín Alado bird rehabilitation centre), natural reserves (Antisana National Park and Antisanilla Reserve) and will stay for eight days at the Tiputini Biodiversity Station (Yasuni Biosphere Reserve) working with one-Health research projects and learning about wildlife monitoring and management techniques relevant for conservation medicine.

### Program Details

#### Dates:

May 29 – July 9, 2022

#### Credits:

6

#### Language:

English, applicants for whom English is a second language must provide proof of proficiency.

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### Campus:

Cumbayá-Quito, TUERI Wildlife Hospital

**Field activities:** El Jardín Alado bird rehabilitation centre, Baños Zoo, Antisana National Park, Antisanilla Reserve, Tiputini Biodiversity Station

**Academic Backgrounds:** Pre-Vet students

**Health Requirements:** Proof of current tetanus, measles, rabies, typhoid, hepatitis A and B, and yellow fever vaccinations. Malaria prevention treatments is recommended by the CDC; medicines for Malaria can have side effects which could impair your trip experience (please refer to the CDC for more travel information and make any appropriate health decisions with your physician).

**Application Deadline:** April 20, 2022

### Program Fees:

**Application Deadline:** April 20, 2022

**Program Fees:**

US\$ 5.870,00

Cost per student | we require a minimum of 8 students to run the program

### Itinerary:

DAY	DATE	ACTIVITY	PLACE	TYPE
Sunday	29-May	Arrival to Quito	Quito	Logistics
Monday	30-May	AM Orientation, Welcome Lunch @USFQ. PM City Tour	Quito	Theory
Tuesday	31-May	Lectures	Quito	Theory
Wednesday	1-Jun	Lectures	Quito	Theory
Thursday	2-Jun	Lectures	Quito	Theory
Friday	3-Jun	Lectures	Quito	Theory
Saturday	4-Jun		Quito	Free day
Sunday	5-Jun		Quito	Free day
Monday	6-Jun	Visit to Baños Zoo	Baños	Fieldtrip
Tuesday	7-Jun	Visit to Baños Zoo	Baños	Fieldtrip
Wednesday	8-Jun	Trip to Coca and Tiputini Biodiversity Station	TBS	Logistics
Thursday	9-Jun	TBS tours	TBS	Fieldtrip
Friday	10-Jun	Field project	TBS	Fieldtrip
Saturday	11-Jun	Field project	TBS	Fieldtrip

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Sunday	12-Jun	Field project	TBS	Fieldtrip
Monday	13-Jun	Field project	TBS	Fieldtrip
Tuesday	14-Jun	Field project	TBS	Fieldtrip
Wednesday	15-Jun	Field project	TBS	Fieldtrip
Thursday	16-Jun	Field project	TBS	Fieldtrip
Friday	17-Jun	Travelling back to Quito	Quito	Logistics
Saturday	18-Jun		Quito	Free day
Sunday	19-Jun		Quito	Free day
Monday	20-Jun	Work assignment & clinical primer	Quito	Practice
Tuesday	21-Jun	Hospital	Quito	Practice
Wednesday	22-Jun	Hospital	Quito	Practice
Thursday	23-Jun	Hospital	Quito	Practice
Friday	24-Jun	Visit to "El Jardin Alado" bird rehabilitation centre	Quito	Fieldtrip
Saturday	25-Jun		Quito	Free day
Sunday	26-Jun		Quito	Free day
Monday	27-Jun	Hospital	Quito	Practice
Tuesday	28-Jun	Hospital	Quito	Practice
Wednesday	29-Jun	Hospital	Quito	Practice
Thursday	30-Jun	Hospital	Quito	Practice
Friday	1-Jul	Visit to Antisanilla Natural Reserve and Antisana National Park	Quito	Fieldtrip
Saturday	2-Jul		Quito	Free day
Sunday	3-Jul		Quito	Free day
Monday	4-Jul	Hospital	Quito	Practice
Tuesday	5-Jul	Hospital	Quito	Practice
Wednesday	6-Jul	Hospital	Quito	Practice
Thursday	7-Jul	Final presentations	Quito	Theory
Friday	8-Jul	Final presentations, PM Farewell Dinner	Quito	Theory
Saturday	9-Jul	Departure of students	Quito	Logistics

#### Program Includes:

- Health & Safety Orientation
  - Transportation to and from Quito's airport at the start and end of the program
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- Local transportation to and from the USFQ Cumbaya Campus, Wildlife Hospital, Baños Zoo, El Jardin Alado bird rehabilitation centre, Antisana National Park, Antisanilla Reserve, and Tiputini Biodiversity Station (incl. boat or land transportation).
- Host Family accommodation, with breakfast & dinner, for the duration of the program
- Support in case of medical emergencies
- All activities planned as part of the summer school and associated costs, including: hospital scrubs, lab coats, field t-shirts. It also includes educational, medical and lab supplies, and use of facilities.

**Does NOT include:**

- International Health Insurance (required)
- Required vaccinations and personal medications, epipens, or any personal essentials.
- International Flights
- Gratuities (strongly recommended)
- Additional personal expenses related to meals, travel, accommodation and recreational activities beyond what is covered by the program

For any additional information, please reach out to our email address: [opi@usfq.edu.ec](mailto:opi@usfq.edu.ec)

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