

UNIVERSIDAD SAN FRANCISCO DE QUITO

USFQ SUMMER SCHOOL

Media and Design
for Sustainability
and Communities

Quito & Galapagos



CAMPUS USFQ
Cumbaya- Pichincha



CAMPUS GAIAS
San Cristobal – Galapagos



Program Overview

The USFQ Summer School offers a number of globally relevant and hands-on learning opportunities for international students. Participants on the Media & Design Program will combine art, design, and entrepreneurship to create sustainable and impact-driven products through USFQ's prototyping laboratory DLAB.

Students will enroll in **two 3 week, 3-credit courses** focusing on Design & Media Studies. During the first course, students will have the opportunity to re-shape biomaterials and sustainable textiles into products & services through USFQ's prototyping laboratory DLAB. During the second course, students will travel to the Galápagos Islands to learn about sustainability and the challenges it poses to local communities. They will use design-thinking methodologies to create impact-driven solutions to address the community's needs.





D.LAB USFQ is a laboratory for the research and design of interdisciplinary projects. It is a physical space that brings together art and science to imagine possible futures. In the space, academia and business converge; forming an ecosystem of innovation and research. The projects currently focus on three main themes: sustainable design, recycling and remediation of polluting products, and biology applied to new materials.

Our equipment includes machines and tools for working tables, food dryers, excluders, 3D printing, laser cutting, thermoforming, grinding, among others.



Academic Courses

MATERIALS FROM NATURE: Biomaterials and sustainable textiles for future industries

Ecuador is a pioneer on developing new materials from Earth. Come to USFQ and learn about our experience on biomaterials and sustainable textiles. Learn how to incorporate new materials into social ventures such as products and services. At USFQ, our prototyping laboratory DLAB will be your working base. Students will also travel along the highlands to learn about traditional textile techniques and their contemporary applications.

Dates: May 28h to June 18th, 2023

Credits: 3

Language: English

Campus: Cumbayá-Quito

Academic Backgrounds: Open to design, fashion and engineer students

SUSTAINABILITY AND COMMUNITIES: Connecting science, conservation and culture in local communities of Galápagos

The Galápagos Islands, located over 500 miles from mainland Ecuador, have some of the most unique life forms on the planet, adapted to harsh surroundings and living in ecological isolation. After the rather recent arrival of people, human-environment interactions in Galápagos have developed in diverse and complex ways. The USFQ campuses in the Andes and Galápagos have some of the strongest research facilities in the region, being the base for dozens of local and international scientists researching in fields related to biodiversity, conservation, society, health, among others. However, knowledge still stays mostly inside of academia without connecting with the local community, a key actor in conservation and sustainability. This course aims to help students understand problems as systems and how disruptive insights can design solutions with impact.

Dates: June 18th to July 9th, 2023

Credits: 3

Language: English

Campus: San Cristóbal-Galápagos

Academic Backgrounds: Open to design, fashion and engineer students

Materials From Nature

Program Itinerary

Day	Date	Activity	Academic Content
Sunday	May-28	Arrive in Quito	
Monday	May-29	AM Orientation & Welcome Lunch USFQ PM City tour	Culture of Ecuador
Tuesday	May-30	Lectures in Cumbayá: DLAB	Biomaterials
Wednesday	May-31	Lectures in Cumbayá: DLAB	Biomaterials
Thursday	June-1	Workshop in Cumbayá: DLAB	Workshop biomaterials
Friday	June-2	Workshop in Cumbayá: DLAB	Workshop biomaterials
Saturday	June-3	Free Day	
Sunday	June-4	Free Day	
Monday	June-5	Field Trip: Salasaka	Visit textile workshops
Tuesday	June-6	Field Trip: Salasaka	Learn textile techniques
Wednesday	June-7	Lectures in Cumbayá: DLAB	
Thursday	June-8	Studio Work	
Friday	June-9	Studio Work	
Saturday	June-10	Free Day	
Sunday	June-11	Free Day	
Monday	June-12	Lectures in Cumbayá: DLAB	
Tuesday	June-13	Studio Work	
Wednesday	June-14	Studio Work	
Thursday	June-15	Final Presentations	
Friday	June-16	Final Presentations & Farewell Dinner	
Saturday	June-17	Departure to the US	
Sunday	June-18	Free day for students who will participate in Part 2.	



"Cardado" technique for textiles in Salasaka



Biomaterials at USFQ's DLab

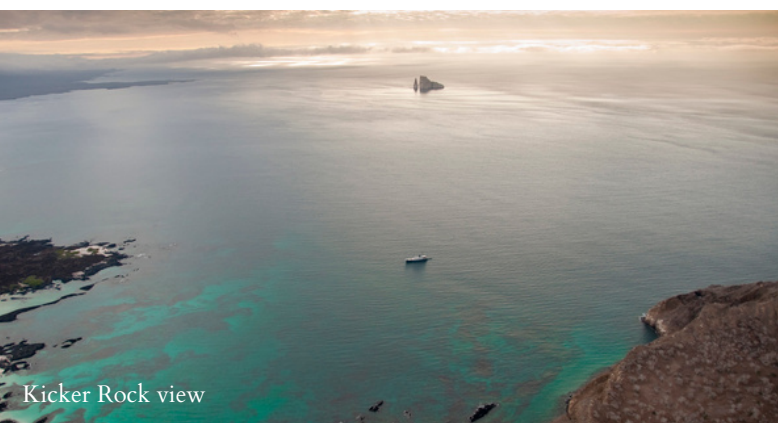


Biomaterials at USFQ's DLab

Sustainability and Communities

Program Itinerary

Day	Date	Activity	Academic Content
Sunday	Jun-18	Arrive in Quito	
Monday	Jun-19	AM Orientation & Welcome Lunch USFQ	Life & culture in Ecuador
Tuesday	Jun-20	Lectures in Cumbaya: USFQ-IBIOTROP, Institute of Tropical Biodiversity	Biodiversity in the tropical Andes
Wednesday	Jun-21	AM Lectures in Cumbaya: USFQ-IBIOTROP, Institute of Tropical Biodiversity. PM Field trip: El Chaquíñan and Chacanahuaycu ravine	Natural and cultural heritage in the Global South
Thursday	Jun-22	Studio Work	
Friday	Jun-23	Full day Field Trip : Antisanilla Reserve and Antisana Ecological Reserve	Natural resources and environmental services Conservation and sustainability
Saturday	Jun-24	Free Day	
Sunday	Jun-25	Travel to Galápagos PM Orientation & Welcome Lunch	Life & culture in the Galapagos Islands Galapagos Islands: a "living laboratory"
Monday	Jun-26	AM Field Trip : PM Field Trip: Wreck Bay, Interpretation Center, Punta Carola Beach and Tijeretas Hill PM Lectures in GAIAS-USFQ	Biodiversity in the Galapagos Islands Natural and cultural patrimonies in the Galapagos Islands
Tuesday	Jun-27	AM: Zona Alta: Hacienda La Tranquila. Sustainable agricultural farming. Engagement with farmers.	Biodiversity in the Galapagos Islands Natural and cultural patrimonies in the Galapagos Islands
Wednesday	Jun-28	Highlands of San Cristobal (incl. El Junco Lagoon) and Puerto Chino Beach	
Thursday	Jun-29	Lecture	
Friday	Jun-30	Field Research	
Saturday	Jul-01	Free day	
Sunday	Jul-02	Free day	
Monday	Jul-03	Research Workshop	
Tuesday	Jul-04	Insights and Ideation	
Wednesday	Jul-05	Prototyping and Iteration	
Thursday	Jul-06	Final Presentations	
Friday	Jul-07	Full day Field Trip : Isla Española	
Saturday	Jul-08	PM Farewell Dinner	
Sunday	Jul-09	AM Return to Quito "Program ends"	



Kicker Rock view



Galapaguera: Giant turtles breeding center



Antisana ecological reserve

Program Details

Program Dates: May 28th – July 9th, 2023

Application Deadline: March 1st, 2023

Program Fees:

MODULE 1: Materials from Nature	\$	2,155
Optional: Otavalo excursion – Ponchos market, workshops & textile shopping	\$	110
MODULE 2: Sustainability and Communities	\$	3,750
Optional: Kicker Rock excursion	\$	170
BOTH MODULES (1 & 2)	\$	5,700

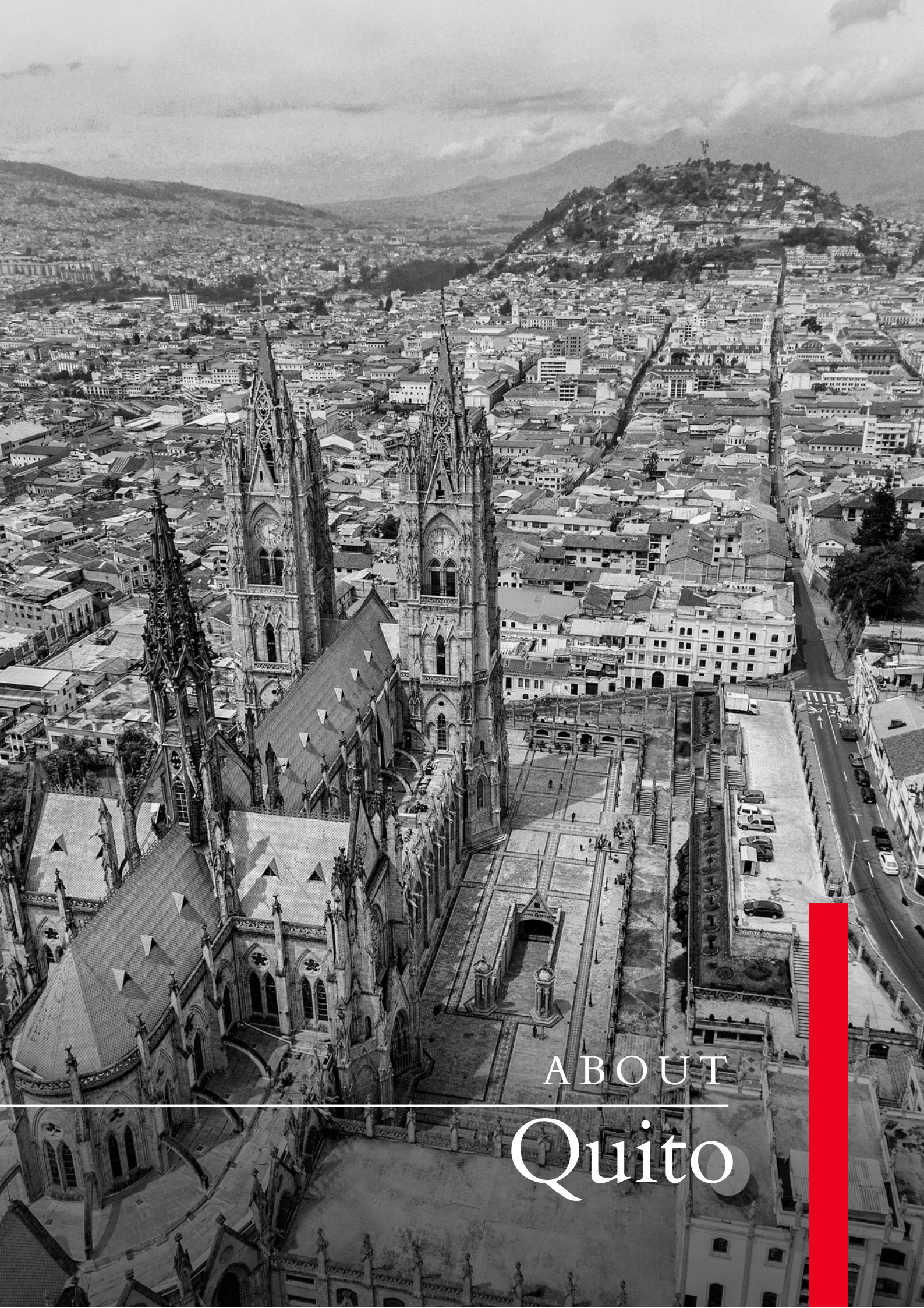
You can enroll in just one module, or in both modules.

Program Includes:

- Health & Safety Orientation
- Transportation to and from Quito's airport at the start and end of the program
- Host family accommodation with breakfast & dinner (during the dates of the program)
- In-country flights, TCT card and Galapagos National Park entrance fee
- Activities as listed in the itinerary
- Support in case of medical emergencies

Does NOT include:

- International Health Insurance (required)
- International Flights
- Personal expenses
- Gratuities
- Additional expenses (not detailed in the program)



ABOUT
Quito



Quito

Ecuador

The first World Cultural Heritage Site in the world, declared by UNESCO in 1978. Quito has been nominated as South American Leading Cultural city Destination by World Travel Awards several times.

Quito was founded on the ruins of an Inca city and has the best preserved and least altered historic centre in Latin America.

In here you can find some examples of the "Baroque school of Quito" or *Escuela Quiteña*, which mixes the European and indigenous art visible in: architecture, sculpture and painting.

Quito's key information

Altitude: 9 350,4 ft above sea level

Time zone: UTC - 5


Currency: US dollar

Weather

Temperature ranges from 55°F at night, to 78°F at noon

During the day temperature averages around 64°F

It is advisable to have a light raincoat since rains can be unexpected





ABOUT

Galapagos



San Cristobal

Galapagos Islands

World Culturage Herritage Site declared by
UNESCO in 1978

The Enchanted Archipelago features some of the world's most unique endemic **wildlife** species and wonderful landscapes that continually rank among the world's best

GAIAS

Located in San Cristobal Island, GAIAS offers multiple academic programs for international exchange and research collaborations.

Time Zone: GMT-6

Weather

Warm Season/ Rainy Season (Dec - May)

Average on land temperature: 70 - 80 °F

Average water temperature: 70 °F

Cold Season/ Dry Season (Jun - Nov)

Average on land temperature: 70 - 60 °F

Average water temperature: 66 °F

Playa Mann

Our campus is located in front Playa Mann, a wonderful beach ideal for swimming, surfing, and snorkeling with dozens of exotic fish species and sea lions.

REGISTER TO THE PROGRAM HERE

https://usfqadmin.co1.qualtrics.com/jfe/form/SV_3f7XIokkUhFvVsi



For Further information

International Programs Office

Email: opi@usfq.edu.ec