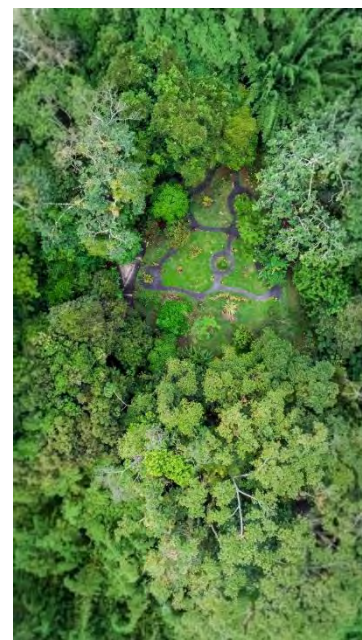
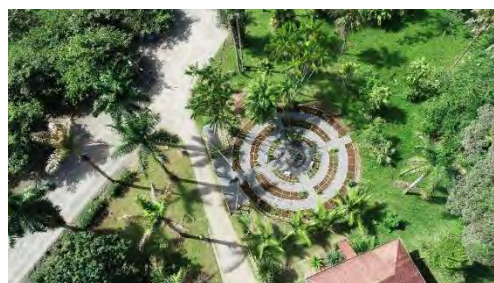


1) CATIE Dr. Jorge León Arguedas Botanical Garden

Description: Walk the natural trails adapted to the 7600 law. The CATIE Botanical Garden is made up of an invaluable collection of genetic material that is conserved for research and education purposes, it houses more than 4000 genetic samples that represents around 400 species of plants from different parts of the world's tropics. Located in a laboratory where plants from different parts of the world are observed and interpreted, some of them are even in danger of extinction. During the guided tours its uses, properties, natural history and origin are explained, among other interesting details. As a complementary attraction we have a display table, where the visitor can find, depending on the harvest season, an unimaginable variety of exotic fruits with very particular shapes and colors. It is also possible to see a number of animals, especially birds, reptiles and insects and the occasional mammal. Likewise, we offer tasting of exotic juices, upon the request of the client. In addition, in this tropical world you can also discover a garden of plants for medicinal and magical use, a garden of bromeliads, a garden of heliconia, a garden of araceae and a demonstration module of agriculture in small spaces.

Time: This activity takes approximately 2 hours.

Recommendations: Light clothing, closed shoes, insect repellent and waterproof clothing preferably or change of clothes, umbrella or poncho.



2) Germplasm bank and its collection of horticultural seeds

Description: The visit begins with an introductory talk about the history and importance of germplasm banks worldwide for food security. The visitor will be able to have contact with the process of conservation of horticultural seeds stored in cold chambers at -20°C . Then the visitor move to the laboratory where they can see the equipment and technical professional, as well as experiment and learn about the procedures used for the regeneration, germination and conservation of seeds. Finally they enter the cold chamber where you can have a homemade ice cream while observing the way in which the seeds are packed under strict control systems, are preserved to ensure the food of the future.

Importance: In this bank around 6,300 accessions of seeds of different families, genders and varieties are conserved, including beans, corn, chili and tomato, among many others. Collaborate with the food security of the planet and the conservation of species, especially food.

Time: This activity spends approximately 2 hours.

Recommendations: Light clothing, closed shoes and a sweater to enter the cold room.



3) Tour to the International Cocoa Collection.

Description: This tour begins with a welcome to the group in the CATIE Botanical Garden. After giving a brief introduction, the group moves to Finca la Montaña, where the tour of the International Cacao Collection will begin and is one of the most important farms in the world for its genetic wealth. The most relevant aspects of the species and varieties that are conserved there will be discussed, as well as the importance of the research that CATIE carries out on cocoa.

The visitor will be able to learn about the history of cocoa, its importance in pre-Columbian and current cultures, the genetic improvement program in cocoa and methods of propagation. In addition to observing the different shapes, sizes and colors of its fruits, you will also have the opportunity to taste the pulp of different varieties, learning about the process of collecting, extracting, fermenting and drying the seeds for their subsequent transformation into chocolate. Lastly you will have the opportunity to participate in the process of making artisanal chocolate liquor (base material for the manufacturers of chocolates) and in the tasting of the different preparations.

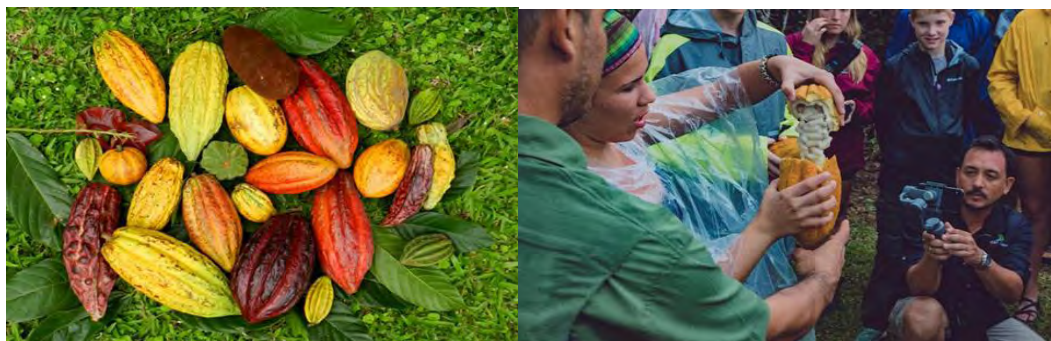
Both an educational and entertaining experience, the visitor will also have the possibility to interactively participate in the production of their own chocolate.



Importance: CATIE's International Cocoa Collection, preserves 1070 introductions from different parts of tropical America, becoming the most important one in the public domain, it will be an enriching experience that allows us to assess the work behind every chocolate bar or cup of hot chocolate.

Time: approximately 2 hours.

Recommendations: light clothing, closed shoes, insect repellent, sunscreen and waterproof clothing preferably or change of clothes, umbrella or poncho.



4) Sustainable tropical livestock

Description: It is a tour of modern facilities, visitors can observe the milking process and milk conservation through the use of clean energy produced from the waste generated by the same activity. They will also learn about silvopastoral management models, such as the efficient use of water on the solids separation process (livestock excreta), electricity generation through the bio digester and production that have been designed and implemented to make milk production and livestock economically, socially and environmentally sustainable. Special for all lovers of livestock, from beginners interested in knowing the fundamentals of sustainable tropical livestock or for experts who want to learn and apply new techniques with the aim of becoming sustainable and more efficient producers.

Importance: The implementation of the research carried out by CATIE to make livestock farming a sustainable activity is shown; waste management and silvopastoral models that reduce the production of greenhouse gases, this is the first farm in Costa Rica certified by Rain Forest Alliance since 2013.

Time: approximately 2 hours.

Recommendations: Light clothing, closed shoes, sunscreen and waterproof clothing preferably or change of clothes, umbrella or poncho.



5) Tour to the International Coffee Collection

Description: Beginning with a welcome to the group in the CATIE Botanical Garden, after giving a brief introduction the group moves to the International Coffee Collection sector near the Botanical Garden, where the tour of our international coffee collection continues.

The most relevant aspects of the species and varieties preserved there will be discussed, as well as the importance of the research that CATIE carried out on coffee.

During this guided tour you will be able to observe the surprising number of preserved coffee varieties, some of which can reach 10 meters in height! They will also learn about diversity, and the ways in which genetic improvement for new varieties is important in the face of climate change and extreme climates. Next, the propagation greenhouses are visited, where it is possible to observe different scientific works that CATIE carried out at the field level. Such as the vegetative propagation of disease-tolerant F1 hybrids, grafting, high productivity and excellent cup quality. As well as analyzing the improvement of this important economic activity that benefits many producers in rural areas.

Time: approximately 2 hours.

Importance: This collection started in 1949 and is considered the fourth largest collection in the world, the second largest in Latin America, the most diverse in *C. arabica* and the only one in the public domain worldwide.

Recommendations: Light clothing, closed shoes, sunscreen, repellent and waterproof clothing preferably or change of clothes, umbrella or poncho



6) CATIE bike tour

Description: Live an experience on wheels where you will learn about all the productive and research activities of CATIE, in a route between 10 to 20 km, you will discover the exuberant natural beauty of the Botanical Garden, the International Coffee and Cacao Collections, pejobaye crops, sugar cane and fruits from different parts of the world, the beautiful CATIE lake and its aquatic birds, as well as getting to know CATIE's sustainable tropical dairy farm, with more than 150 cows in milk production. All this and more, will be what you will discover in this experience on wheels.

Time: approximately 2 hours.

Recommendations: Light clothing, closed shoes, sunscreen, preferably waterproof clothing or a change of clothes and a bottle of water.



7) CATIE Night Tour:

Description: The CATIE Botanical Garden Night Tour is a unique opportunity to enter the tropical nocturnal world of Costa Rica's wildlife. Right after the sunsets, you will be led by a certified guide and quickly immersed in a symphony of nocturnal sounds characteristic of the residents of the rainforest. This is an opportunity to see several types of frogs, beetles, grasshoppers, sometimes mammals, birds, insects and hopefully salamanders up close. The guides are also experts in wildlife lighting safety, therefore this evening tour is an extraordinary photo and video opportunity, under the necessary care, two of the most abundant frog species are: the famous frog Costa Rican red-eyed arboreal (*Agalychnis callidryas*) and Fleischmann's glass frog (*Hyalinobatrachium fleischmanni*).

Includes: Certified guide and flashlights.

Start time: 5:50 p.m.

Time: approximately 2 hours.

Recommendations: Bring a cape or umbrella, long pants, camera or cell phone, closed and comfortable walking shoes.



8) Bird Watching Tour

Description: The tour begins with a general talk in the Botanical Garden about the behavior of birds, general characteristics such as type of beak, legs, feeding habits according to each species, altitudinal migrations and the most representative birds of the region, among other interesting facts.

After the talk, the tour begins along the Botanical Garden road, for this the guide will have a telescope available to the group that will be used when a bird is observed at rest and in this way that all participants can appreciate it.

At the end of the tour, the collection of coffee and pejibaye is crossed, ending at the CATIE lake. It is important to mention that the route is approximately 2.5 km, so the suggested recommendations must be taken into account, optionally you can bring a camera and binoculars.

The CATIE campus is home to around 340 species of birds.

Time: approximately 2 hours.

Recommendations: Light clothing, closed shoes, sunscreen, preferably waterproof clothing or change of clothes, water bottle, camera and binoculars.

