

HILO, HAWAII

Arrive: 0800 Friday, 17 January
Onboard Time: 2100 Friday, 17 January

Brief Overview: Ever since Hawaii became the fiftieth and most tropical U.S. state in 1959, Hawaii has been a hotspot for millions of people seeking surf, sun and sand. This island state is a natural paradise, known for its smoldering volcanoes, lush mountains and sculpted cliffs. Despite it being in the U.S., it's as far a departure from the mainland as one can get. The epic landscape is continually altered by active volcanoes. It's not hard for one to conjure up images of leis and hula skirts, but it is the Aloha spirit of the people and its diverse history that captivate most visitors. Hawaii remains an interestingly blended multicultural society with a lingering indigenous culture, and rich Polynesian and Asian tribal history.



Hilo is situated on the “Big Island” of Hawaii and serves as a great starting point to explore the eastern half of the island. This includes the main attraction of Hawaii Volcanoes National Park, which contains the most active volcano in the world and extensive fields of solidified black lava. The warm waters of the Ahalanui Thermal pool offer a luxurious contrast to the rugged black coastline below. The rich volcanic soil and rainy climate create the perfect conditions for farming and agriculture – Hilo’s number one industry.

Suggested short-cuts to simple planning:

Taste of Hawaii:

HIL 110-101 Hilo Rainbow Falls Farm Tour

Adventure:

HIL 108-101/102 Rainforest Zipline & Waterfall Adventure

IMPORTANT: If you registered in one of the following courses, you have a field lab on this day.
Do not make any other travel plans as this is a designated class day in port for your course.

FIELD LAB	Hilo, HAWAII	Tuesday, 15 January
ENWR 1559 501	Professor Maria Adelman	Travel Writing (Section 3)
ENWR 1559 101	Professor Jeremiah Chamberlin	Writing and Academic Inquiry
EVSC 3559 101	Professor Gary Griggs	Geological Hazards
PLAD 250 101	Professor Lewis Hinchman	The Law and Politics of Cultural Minorities & Indigenous Peoples
HIST 2559 101	Professor James Tueller	Iberia in the World

TERMS AND CONDITIONS: In selling tickets or otherwise making arrangements for field programs (including transportation, shore side accommodations and meals); the Institute of Shipboard Education (I.S.E.) acts only as an agent for others who provide such services as independent contractors. All participants accepting or using tickets or other arrangements for such services shall be deemed to agree and consent that I.S.E. shall not be liable or responsible in any way for any loss, death, injury, or illness to person or loss, theft or damage to personal property arising from or in connection with such services. I.S.E. shall not be responsible for cancellation of field programs for reasons beyond its control and in such event, at its option, may refund the purchase price.

Day 1: Friday, January 17

HIL102-101

VOLCANOES NATIONAL PARK & SHORT HIKES

Full Day



According to Hawai'ian legends, Volcanoes National Park is the home of Pele, the Hawai'ian goddess of fire. The area was established as a national park in 1916 to preserve the region's unique volcanic features, its early human history, and the plant and animal life that is part of this special bioregion.

Terrain in the 377-square-mile park ranges from arid expanses of lava flows to lush green jungles. The climate ranges from desert to rainforest. A highlight of the park is Mauna Loa, the second-highest and most massive mountain in the world. Mauna Loa erupted 14 times in the last century. Its last eruption in 1984 threatened the city of Hilo for a time. Mauna Loa's much smaller neighbor, 4,000-foot Kilauea, might go unnoticed except that it is the world's most active volcano. For more than 100 years, Kilauea was almost continuously active.

Within this caldera is Halema'uma'u Crater where visitors can smell sulfur and see steam rising out of fissures in the rock. When Kilauea is erupting, it is possible to see seething lakes of molten rock, curtains of fire, and fountains of red-hot lava.

A 20-minute movie on eruptions is shown hourly at the Visitor Center, and there are displays on volcano formation and geologic processes, native plants and animals, and early Hawai'ian people. In addition to the summit calderas, or craters, examine lava flows, lava tubes, pit craters, steam vents, sulfur banks, kipuka (isolated "islands" untouched by lava flows), fault scarps, tree molds, and black sand beaches. This group will also proceed on a several short hikes: walk thru Sulphur Banks and on to Steam Vents, walk from Iki Crater overlook to Nahuku, and do the Nahuku lava tube walk – a highlight among previous voyagers. Identify endemic flora and fauna in a kipuka and perhaps discover endemic arthropods in a lava tube.

Please note: A packed lunch from shore will be provided.

STANDARD PRICE		Early Booking
Adult	\$75	\$ 72
Child	\$37	\$ 36
TIME		
	Date	Time
Depart	January 17	1000
Return	January 17	1700
HIGHLIGHTS		
<ul style="list-style-type: none"> • Volcanoes National Park • Lunch included • Brief stop at Mauna Loa Macadamia Nut on your return to the ship 		
MINIMUM REGISTRATION: 35		
MAXIMUM CAPACITY: 53		

HIL 107-101

KAIMU BLACK BEACH & THERMAL POOL SWIM

Full Day



Explore Kalapana, a Hawaiian fishing village that was buried under a thick layer of lava in 1990. You will have the honor of walking over the lava flow to the ocean. It is breathtaking!

The old Kaimu beach was probably one of the most famous black sand beaches in the world, but was covered by about 20' of lava between 1990 and 1992. Local

residents have started replanting new coconut trees in old tree molds (when lava cools around a tree). New ferns, palms and other plants are starting to pop out of lava cracks.

Ahalanui Park, also called Warm Pond and Millionaire's Pond, is located on the Windward side of the Big Island in lower Puna, where it's actually sunny! Surrounded by palm trees, green grass and the Pacific Ocean, this spring fed pool is part natural and part man-made. It is also volcanically heated to a balmy 90 degrees! The bottom of the pool is sand and mud. A small inlet separates the pool from the ocean and allows the fish access to the pool.

STANDARD PRICE		Early Booking
Adult	\$ 84	\$ 80
Child	\$ 42	\$ 40
TIME		
	Date	Time
Depart	January 17	1030
Return	January 17	1700
HIGHLIGHTS		
<ul style="list-style-type: none"> • Kalapana – New lava flows with black sand beach • Kaimu – cinder cones in area to view and rainforest • Swim at Ahalanui Thermal Pool • Lunch and 2 (non-alcoholic) drinks included 		
MINIMUM REGISTRATION: 15		
MAXIMUM CAPACITY: 23		

HIL 103-101

KILAUEA VOLCANO BIKE ADVENTURE

Full Day



Experience the volcano up close and personal as you ride through lush rainforest and lava frozen in time on your 21 speed mountain bike. Your cycling adventure takes place around the rim of one of the most active volcanoes in the world! It consists of mostly level terrain with a couple of small uphill and downhill

sections thrown in for fun!

Along with the cycling portion, you will hike through an incredible rainforest that leads you directly through an amazing lava tube. This fully narrated adventure is truly one of a kind! After your ride, stop at the Jagger Museum for a video the volcano erupting and overview of your ride.

“So awesome! Seeing all the scenery from the bikes was breathtaking!” –Paige, SP '13 student

Note: This trip involves strenuous physical activity. Elevation is 4000ft so wear comfortable clothing in layers, sunscreen, and closed toe shoes (required). Tour vans will follow the group during the bike ride so cameras and personal items may be left in the van. You may also ride along in the van during any portion of the tour. Participants must be at least 12 years old, 54” tall and comfortable riding a bike. Bike, helmet, gloves, rain jacket and souvenir water bottle are provided. Children under 18 years of age must be accompanied by a parent/ guardian. The tour is not suitable for women who are pregnant. Natural sulfur gases may affect those with respiratory problems. You will not see molten lava. Tour content or itinerary may change due to weather conditions or volcanic activity.

STANDARD PRICE		Early Booking
Adult	\$ 108	\$ 104
Child	\$ 54	\$ 52
TIME		
	Date	Time
Depart	January 17	1000
Return	January 17	1630
HIGHLIGHTS		
<ul style="list-style-type: none"> • Biking in a small group • Kilauea Volcano • Jagger Museum • Rainforests • Thurston Lava Tube • Lunch included 		
MINIMUM REGISTRATION: 10		
MAXIMUM CAPACITY: 25		

HIL 105-101

AKAKA FALLS

Half Day

Experience Akaka Falls, Hawaii’s tallest waterfall plunging 420 ft below the dormant Mauna Kea Volcano. See the famous King Kamehameha Statue and Hilo that was hit by the 1946 Tsunami.



CANCELLED

Visit the Tsunami Museum with actual footage of the tsunami events and see visit many exhibits, some educational and some of the people that were lost and survivors!

STANDARD PRICE		Early Booking
Adult	\$ 44	\$ 42
Child	\$ 22	\$ 21
TIME		
	Date	Time
Depart	January 17	1000
Return	January 17	1300
HIGHLIGHTS		
<ul style="list-style-type: none"> • Akaka Falls • Tsunami Museum of the Pacific • Big Island Candies • King Kamehameha Statue 		
MINIMUM REGISTRATION: 35		
MAXIMUM CAPACITY: 53		



Imagine yourself flying through a tropical rainforest canopy over gurgling streams and waterfalls with a view of the crystal blue Pacific Ocean in the distance! That's only the beginning on this amazing adventure that combines a seven-stage zip line course, a stroll through the famous World Botanical Gardens and viewings of two of Hawaii's most beautiful waterfalls in an exclusive area of the island. You are surrounded by beauty as you hike from one zip line to the next in this tropical wonderland. A portion of the hike

is on a suspension bridge that cuts through the jungle with several small waterfalls below your feet!

NOTE: Shorts that are at least knee length are recommended for comfort with harness straps. **Participants are required to have closed-toed shoes -no sandals.** We suggest glasses be secured for safety. **All long hair must be secured and dangling jewelry is prohibited.** This special adventure adheres to the safety standards set for Canopy Tours by ANSI Accredited Professional Ropes Course Association and all lines have received reviews and wet stamps by a Hawaii licensed and certified Professional Engineer and Structural Engineer. All zip line guides are fully trained and certified. Participants will be given all necessary safety equipment. Sunscreen, bug spray, and rain gear is provided.

RESTRICTIONS: Participants must be a minimum age of 10 and a minimum weight of 70lbs. Participants cannot exceed 270lbs. The tour operator reserves the right to weigh guests. Participants under the age of 18 must be accompanied by a parent/guardian. Participants should be able to walk short to medium distances on well-maintained trails, walk up approximately 40 trail stairs and have an adventurous attitude. The tour is not suitable for women who are pregnant. The tour may not be suitable for anyone with medical conditions, such as severe heart disease or back and neck problems. Tour itinerary may change due to severe weather but the zip line does operate rain or shine.

STANDARD PRICE		Early Booking
Adult	\$ 142	\$ 136
Child	\$ 71	\$ 68
TIME: HIL 108-101		
	Date	Time
Depart	January 17	1030
Return	January 17	1430
TIME: HIL 108-102		
	Date	Time
Depart	January 17	1045
Return	January 17	1445
TIME: HIL 108-103		
	Date	Time
Depart	January 17	1230
Return	January 17	1630
HIGHLIGHTS		
<ul style="list-style-type: none"> • Zip line through rainforest canopy • Hike in the World Botanical Gardens • Scenic views of two waterfalls and the Hilo/Hamakua Coastline • Assorted snacks and drinks provided 		
MINIMUM REGISTRATION: 10		
MAXIMUM CAPACITY: 11		

HIL 109-101/102/103

HILO BAY WATERFALL KAYAKING (3 SECTIONS)

Half Day



Your adventure begins from a black sand beach in the heart of Hilo, just a short distance from the pier. Kayak one mile across the bay to the Wailuku River. Then, paddle under the “Singing Bridge” and up Wailuku

River to a beautiful waterfall where you can cool off or just enjoy the mist from the view. Enjoy a great day on the water with fun guides and amazing views. Hilo is situated in Hawaii’s rainforest country, so be prepared for plenty of rainbows and a lush tropical coastline.

NOTE: Wear a swimsuit under comfortable clothing. Sunscreen, camera, a hat and a bottle of water are recommended. Bring a towel. Two-person ocean kayaks, safety gear and paddling instruction will be provided. Itinerary subject to change due to weather and water conditions.

RESTRICTIONS: Participants must be in good physical condition and may not weigh more than 220 lbs. Minimum age is 10 years. Participants under 18 years must be accompanied by an adult.

STANDARD PRICE		Early Booking
Adult	\$ 58	\$ 55
Child	\$ 32	\$ 29
TIME: HIL 109-101		
	Date	Time
Depart	January 17	1000
Return	January 17	1230
TIME: HIL 109-102		
	Date	Time
Depart	January 17	1300
Return	January 17	1530
TIME: HIL 109-103		
	Date	Time
Depart	January 17	1530
Return	January 17	1800
HIGHLIGHTS		
<ul style="list-style-type: none"> • Kayak across beautiful Hilo Bay • Scenic views of Wailuku River and Mauna Kea Summit • Chance to cool off near a beautiful waterfall 		
MINIMUM REGISTRATION: 10		
MAXIMUM CAPACITY: 13		

HIL 110-101

HILO RAINBOW FALLS FARM TOUR

Half Day



Hilo is best known for its agriculture. Spend a few hours exploring the best tropical crop as you see, taste, and feel a Hawaiian farm. Taste delicious samples of fresh seasonal produce grown and processed on the farm, Pineapples, of course, but also macadamia nuts, and fresh-cut heart-of-palm. We will have a hands-on experience in cracking and tasting raw macadamia nuts while you relax in the shade. Enjoy a special lunch at a private gazebo overlooking spectacular Rainbow Falls.



Your local Hawaiian guides will entice your imagination with stories and visuals of Hawaiian culture. It will surely be an adventure for your senses as you spend the

day experiencing one of Hilo's most exclusive treasures!

NOTE: Wear comfortable clothing along with tennis shoes or comfortable walking shoes (we will be walking through short grass). Sunscreen, insect repellent, camera and hat are recommended. Participants must be able to walk on slightly uneven and inclined grass area. Minimum age is 8 years and participants under 18 years must be accompanied by an adult.

STANDARD PRICE		Early Booking
Adult	\$ 88	\$ 84
Child	\$ 44	\$ 42
TIME		
	Date	Time
Depart	January 17	1000
Return	January 17	1400
HIGHLIGHTS		
<ul style="list-style-type: none"> • See the traditional farming culture of Hawaii • Taste the fruits of Hawaiian farmers’ labor including coffee, fruit and macadamia nuts • Scenic view of Rainbow Falls 		
MINIMUM REGISTRATION: 10		
MAXIMUM CAPACITY: 23		

HIL 111-101

MAUNA KEA SUMMIT DAY

Half Day

“White Mountain” is a sacred place with ancient history, cultural sites and magnificent beauty created by fire and ice. Join us on an adventure from sea level to the top of Mauna Kea Summit is 13,796/4,206 m.



Today it is the world’s premier spot for astronomy with the world’s largest telescopes. We will visit the Keck visitor’s gallery and, depending on its orientation, may see the main 10 meter mirror.

Visiting the summit is strictly controlled and numbers are very limited. It is extremely popular among Japanese tourists, so demand is high for spots to the summit.

NOTE: It will be COLD at the top. Jackets are provided, but it is recommended to dress in layers and wear closed toe shoes.

RESTRICTIONS: Must be healthy and at least 16 years of age. Pregnant women not advised for this tour.

STANDARD PRICE		Early Booking
Adult	\$ 155	\$ 139
Child	\$ 78	\$75
TIME: HIL 109-101		
	Date	Time
Depart	January 17	0900
Return	January 17	1400
HIGHLIGHTS		
<ul style="list-style-type: none"> • Brief stop at Rainbow Falls • Top of Mauna Kea at 13, 796 feet/4,206 meters • Visit to Keck Telescope Visitor’s Gallery 		
MINIMUM REGISTRATION: 6		
MAXIMUM CAPACITY: 28		

HIL 112-102

EVENING LAVA GLOW HIKE AT VNP

Half Day

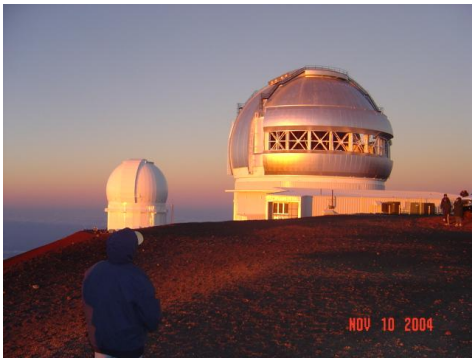


On the way to the national park, we’ll make a stop at Akatsuka Orchid farm to see unique and beautiful orchids. Then explore the world’s most active volcano! Experience the beauty of Hawaiian nature as we past wild orchids, ferns and Kahili ginger plants. Visit Thurston Lava Tube; discover remarkable volcanic formations and steam vents.

Then, **hike 1.8 miles** to Jaggar Museum to see the awesome glow created by the deep lava lake of Halemaumau Crater. The sun sets at 5:45pm on January 17 and the maximum effect of the glow lasts from Sunset to about a half hour after.

NOTE: Once the sun goes down, it will be chilly. Dress in layers and wear closed toe shoes for hiking.

STANDARD PRICE		Early Booking
Adult	\$ 84	\$79
Child	\$ 42	\$40
TIME: HIL 109-101		
	Date	Time
Depart	January 17	1400
Return	January 17	1900
HIGHLIGHTS		
<ul style="list-style-type: none"> • Akatsuka Orchid Farm • Thurston Lava Tube • Kilauea Iki Overlook • Steam Vents • Hike 1.8 mile from Steaming Bluffs along the Crater Rim • Jaggar Museum • Halemaumau Overlook 		
MINIMUM REGISTRATION: 8		
MAXIMUM CAPACITY: 35		



“White Mountain” is a sacred place with ancient history, cultural sites and magnificent beauty created by fire and ice. Today it is the world’s premier spot for astronomy with the world’s largest telescopes. Join us on an adventure from sea level to the top of Mauna Kea Summit is 13,796/4,206 m. Visiting the summit is strictly controlled and numbers are limited. Friday night will

have HIGH DEMAND, so please register EARLY.

A note about stargazing: “For stargazing we DO NOT utilize small amateur telescopes as we consider it a waste of time when there are Zodiac signs and Navigation Stars, Clusters and other amazing things to see that have far greater clarity than at Sea Level...we use a powerful laser pointer and give an engaging show... provided there is a favorable moon..or lack thereof...!!”

NOTE: It will be COLD at the top. Jackets are provided, but it is recommended to dress in layers and wear closed toe shoes. The evening group will NOT visit the telescope as it closes at 4pm. Instead you will enjoy a stargazing show before returning to the ship.

RESTRICTIONS: Must be healthy and at least 16 years of age. Pregnant women not advised for this tour.

STANDARD PRICE		Early Booking
Adult	\$ 155	\$139
Child	\$ 78	\$75
TIME: HIL 109-101		
	Date	Time
Depart	January 17	1500
Return	January 17	2000
HIGHLIGHTS		
<ul style="list-style-type: none"> • Brief stop at Rainbow Falls • Top of Mauna Kea at 13, 796 feet/4,206 meters • Evening stargazing 		
MINIMUM REGISTRATION: 8		
MAXIMUM CAPACITY: 28		