

ERTH 214 : Kauaʻi and Niʻihau Field Geology

A four-day fieldtrip on the island of Kauaʻi to study the volcanological evolution and continuing geological history of Kauaʻi and Niʻihau volcanoes. Students are responsible for air and ground transportation, meals, and lodging.

Credits 1

Designation

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Prerequisites

Credit for or registration in EARTH 101, EARTH 103, or consent of instructor.

Course Outcomes

- Understand through field observation, with field and laboratory exercises, geological processes that construct, modify, and destroy the Hawaiian landscape.
- Realize the hazards, mitigation of these hazards and benefits of Hawaiian volcanism, and its relationship to island culture(s).
- Appreciate current research and studies of Hawaiian volcanism through visits to appropriate museums and research laboratories.
- Understand the vastness of geological time applied to Hawaiʻi, and how time is measured thus the time-scale known.