

ERTH 213 : Molokaʻi, Lanaʻi, and Kahoʻolawe Field Geology

A four-day field trip on the islands of Molokaʻi and Lanaʻi. Field studies of East Molokaʻi, West Molokaʻi, Makanalua (Kalaupapa) and Lanaʻi volcanoes, and directed reading on Kahoʻolawe volcano. Students are responsible for air and ground transportation, meals, and lodging.

Credits 1

Designation

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Prerequisites

Credit for or registration in GG 101, GG 103, or consent of instructor. Must have medical clearance.

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.