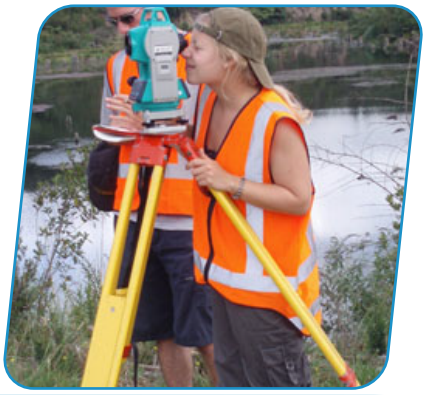
earth systems FrontiersAbroad

EARTH SCIENCE STUDY ABROAD PROGRAMMES

Earth Systems Study of Science Programme (Earth Systems) is an interdisciplinary programme integrating geology, marine and coastal ecology, environmental science, policy, management and economics as a basis for tackling environmental issues arising at the interface between nature and society. Despite the universal perception of a pristine country, New Zealand faces many of the same environmental issues that have ultimately led past civilizations to the brink of collapse.



Field Camp: January 17 - February 20

The field camp is divided into several modules, beginning in the Cook Islands then transitioning to New Zealand's North Island Central Volcanic Plateau and Bay of Plenty. Focusing on field and research based education students study how the geosphere, bioshpere, hydrosphere, and anthrosphere systems interact to form the "New Zealand Earth System".

2010 Field modules are:

- Marine Ecology & Coastal Management of the Cook Islands
- Maori perspectives on environmental guardianship or kaitiakitanga
- Volcanoes - giveth life and taketh away: hazards and geothermal energy
- Surf and Turf: A study of a Holocene prograding dune system using ground penetrating radar, vibra-core, and total station surveying
- Environmental and Natural Hazards: Analyzing real and percived hazards in the Rangitaki Plains

Based upon the final module students will initiate a campus semester team research project that uses environmental field techniques, data analysis, and social surveys to quantify the real and perceived environmental and natural hazards in the Rangitaiki Plains, NZ

Campus Semester: March 1 - June 28

The field camp experience will transition into a semester at the University of Auckland. Students will enroll and receive credits for 3 courses chosen from the School of Geography, Geology and Environmental Science, and a required fourth course based on research initiated during the field camp.

For more information contact:
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