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United Nations Institute for Training and Research

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CIFAL Honolulu - Marine Environmental Science Course

People

Deadline: 14 Jan 2025

Type:	Course
Location:	Honolulu, Hawaii, United States of America
Date:	6 Jan 2025 to 2 May 2025
Duration:	116 Days
Programme Area:	Decentralize Cooperation Programme
Website:	https://catalog.chaminade.edu/course/env
Price:	\$0.00
Event Focal Point Email:	ggrabows@chaminade.edu
Partnership:	CIFAL Honolulu, , Chaminade University of Honolulu

BACKGROUND

No background knowledge of marine environmental science required

EVENT OBJECTIVES

Describe what science is and how scientific research is conducted Summarize the basic concepts in oceanography and marine biology Label the characteristics of the major marine zones Identify the names and ecological roles of a number of marine organisms that occur in Hawaiian waters Explain the physical causes of each of the major marine environmental issues Diagram the causal network of events that lead to the occurrence of each issue Inventory the actual and projected physical consequences of each issue Analyze and interpret data about our oceans and ocean issues. Distinguish the detrimental effect(s) of each issue on marine ecosystems and human welfare Compare some of the specific mechanisms diverse indigenous people of the Pacific employ(ed) in gathering ocean resources that may be considered sustainable practices Apply the connections between academic work and real-life situations

LEARNING OBJECTIVES

Describe what science is and how scientific research is conducted Summarize the basic concepts in oceanography and marine biology Label the characteristics of the major marine zones Identify the names and ecological roles of a number of marine organisms that occur in Hawaiian waters Explain the physical causes of each of the major marine environmental issues Diagram the causal network of events that lead to the occurrence of each issue Inventory the actual and projected physical consequences of each issue Analyze and interpret data about our oceans and ocean issues. Distinguish the detrimental effect(s) of each issue on marine ecosystems and human welfare Compare some of the specific mechanisms diverse indigenous people of the Pacific employ(ed) in gathering ocean resources that may be considered sustainable practices Apply the connections between academic work and real-life situations

CONTENT AND STRUCTURE

Two lecture exams, final exam, marine zone presentation, service learning

METHODOLOGY

The course focuses on making students aware of the material causes and consequences of each issue as well as the role of science in devising sustainable

solutions to each issue.

TARGETED AUDIENCE

Chaminade Students