



CIFAL Honolulu - Marine Environmental Science Course



: 14 1st 2025

Course :	Course
Location :	Honolulu, Hawaii, United States of America
Dates :	6 1 st 2025 to 2 5 th 2025
Duration :	116 Days
Programme :	Decentralize Cooperation Programme
Registration :	https://catalog.chaminade.edu/course/env
Fees :	US\$0.00
Contact email:	ggrabows@chaminade.edu
Organizer :	CIFAL Honolulu, Chaminade University of Honolulu



No background knowledge of marine environmental science required



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



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



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.



Chaminade Students