



LEEWARD COMMUNITY COLLEGE MARINE OPTION PROGRAM

MOP Certificate Requirements

Introduction

The Marine Option Program (MOP) is designed to assist undergraduates and unclassified graduate students interested in marine and marine-related systems (e.i. coast processes, estuaries, interactions between freshwater and marine systems). Through MOP you can obtain a marine orientation to your own major while earning an official UH certificate which is registered on your transcript.

MOP emphasizes experimental, cross-disciplinary education and provides opportunities to apply your traditional coursework to the real world while you obtain practical marine skills through a “hands-on” internship, research or employment. Your campus MOP Coordinator can connect you with a wide variety of existing marine skill opportunities which can be adapted to your personal learning and career objectives. You may also develop your own project from scratch.

Eligibility

MOP is open on a space available basis to any undergraduate who is enrolled at one of the ten UH System Campuses. For campuses where MOP is staffed, see the Coordinator (Mānoa, Hilo, Kauai, Maui, Leeward, Windward). Others and unclassified graduate students may enroll through the UH Mānoa Outreach College.

Requirements

1. A total of 9 credits (two 4 credit courses may be taken instead of three 3 credit courses) from the following list of courses.

A minimum of two of the following course:

BIOL 200	4 cr	Coral Reefs
OCEAN 201	3 cr	Intro to Ocean Science
OCEAN 230	3 cr	Ocean Resources
ZOOL 101	4 cr	Principles of Zoology (includes lab)
ZOOL 200	4 cr	Intro to Marine Biology (includes lab)

Additional courses (one of the following)

BIOL 124	3 cr	Environment and Ecology (1 cr lab separate, BIOL 124L)
BOT 101	3 cr	Intro to Botany (1 cr lab separate, BOT 101L)
BOT 130	4 cr	Plants in the Hawaiian Environment (includes lab)
GEOG 122	3 cr	Geography of Hawaii
GG 101	3 cr	Intro to Geology (1 cr lab separate, GG 101L)
HAWNA 110	3 cr	Outdoor Recreation: Hawaiiana
HIST 284	3 cr	History of the Hawaiian Islands
HUM 262	3 cr	Pacific Literature

Subtotal 9 cr

2. OCEAN 101 1 cr. MOP Seminar (must be taken once)

3. IS 199/299 2-3 cr Independent Project (MOP Project)

TOTAL 12 cr (minimum)

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