

Mālama 'Āina: Academic Subject Certificate

The Mālama 'Āina program is designed to provide a theoretical and practical foundation for students interested in exploring the scientific and cultural aspects of Hawaiian land stewardship. Students will learn about plants and animals in the context of Hawaiian ecosystems and their inter-connections with the people of Hawai'i. Participation in field study will provide the opportunity to progress from study to practice, thus giving back to the 'āina that feeds us.

Program Student Learning Outcomes (PSLOs) approved 12/07/2016:

1. Observe, analyze, and describe the ecosystem of Hawai'i using indigenous terminology and methodology;
2. Observe, analyze, and describe the ecosystem of Hawai'i using Western scientific terminology and methodology;
3. Use GIS technology to design, capture, store, manipulate, analyze, manage, and present geographically referenced information or data;
4. Apply Hawaiian and Western knowledge and technological skills to active land stewardship practices.

Fall (Semester 1)

Course	Course Title/Category	Credits
HAW 101	Elementary Hawaiian I	4
	Elective: BOT 105 or ZOOL 105	3

Spring (Semester 2)

Course	Course Title/Category	Credits
BOT 130	Plants in the Hawaiian Environment	3
BOT 130L	Plants in the Hawaiian Environment Lab	1
HAW 102	Elementary Hawaiian II	4

Fall (Semester 3)

Course	Course Title/Category	Credits
BIOL 171	Introduction to Biology I	3
BIOL 171L	Introduction to Biology Laboratory I	1
GIS 189	GIS, Mapping, and Society	3

Spring (Semester 4)

Course	Course Title/Category	Credits
	Elective: HWST 107 or HWST 270	3
	Total Credits	25