

Ahupua‘a Systems: Indigenous Resource Management & Food Production

Type

Academic Subject Certificate

The Academic Subject Certificate in Ahupua‘a Systems: Indigenous Resource Management & Food Production is an academic internship program for students interested in ‘āina based work, carrying on cultural practices and traditions, and creating a sustainable food system, to gain hands-on experience, training, and education that ultimately provides a career in ahupua‘a sustainability and community food systems. This ASC is geared to be a critical component of a Ko‘olaupoko district-wide collaborative internship/degree program with ‘āina based organizations and Windward Community College providing opportunities for interested youth to pursue career experience and higher education learning about traditional Hawaiian and contemporary community-based food sustainable systems and practices.

This certificate requires a total of 16-18 credits representing approximately one semester’s worth of coursework.

Upon successful completion of this certificate, students will be able to:

- Describe industrial farming practices with traditional based small scale, family, and community models
- Integrate basic environmental science concepts with traditional and modern resource management practices in recommending environmental, agricultural, and cultural management decisions
- Describe how traditional and indigenous perspectives inform practices of sustainable food production systems
- Describe the Konohiki system of land management as a means for modern-day natural resource management and food production
- Exhibit best management practices when participating in internship activities and utilizing natural resources

Required Courses (10 credits)

Item #	Title	Credits
AQUA 201	The Hawai‘i Fishpond	3
AQUA 201L	The Hawai‘i Fishpond Lab	1
HWST 140	Mahi‘ai I: Hawaiian Taro Culture	3
IS 201	The Ahupua‘a	3

Required Courses for Area of Emphasis: Natural Resources

*Choose 3-4 credits from the following:

Item #	Title	Credits
AG 120	Plant Science	3
AG 202	Agriculture, Environment, and Society	3
ANTH 210	Archaeology	3
BIOL 200	Coral Reefs	3
BOT 105	Ethnobotany	3
BOT 130	Plants in the Hawaiian Environment	3
GEO 101	The Natural Environment	3
HWST 107	Hawai‘i: Center of the Pacific	3
HWST 275	Wahi Pana: Mythology of the Hawaiian Landscape	3
HWST 275L	Wahi Pana: Mythology of the Hawaiian Landscape Field Lab	1
OCN 102	Introduction to the Environment and Sustainability	3
OCN 120	Global Environmental Challenges	3
ERTH 103	Geology of Hawaiian Islands	3

Required Courses for Area of Emphasis: Cultural Practice

*Choose 3-4 credits from the following:

Item #	Title	Credits
HWST 110	Huaka‘i Wa‘a: Introduction to Hawaiian Voyaging	3
HWST 135	Kālai Lā‘au: Hawaiian Woodwork and Wood Carving	3
HWST 222	Ma‘awe No‘eau: Hawaiian Fiber Work	3
HWST 285	Lā‘au Lapa‘au I: Hawaiian Medicinal Herbs	4
ZOOL 105	Hawaiian Use of Fish and Aquatic Invertebrates	3
	Total Credits	16-18