

**Associate in Technical Studies
in Cultural & Natural Resource
Management —
Mālama Ahupua‘a**

An Associate of Technical Studies (ATS) allows students to combine existing Career and Technical programs into an interdisciplinary course of study. Faculty from Hawaiian Studies, Administration of Justice, Science, and Agriculture & Natural Resources have selected courses for a comprehensive ATS in Cultural and Natural Resource Management.

Two concentrations are offered: Kia‘i or Mālama ‘Āina. Students will receive broad-based coursework to prepare them to enter resource management fields.

The Program Learning Outcomes after finishing this program include:

1. Science: Identify best natural resource management practices using sound biological and scientific principles.
2. Hawaiian Culture: Synthesize Hawaiian perspectives of cultural and natural resource management.
3. Economics: Explain the relationship between economics and resource management policies.
4. Overall: Evaluate management practices (issues, challenges) from different perspectives.

At a Glance

Associate in Technical Studies (ATS)

Cultural & Natural Resource Management with two concentrations:

Kia‘i or Mālama ‘Āina

Customized Associate in Technical Studies

(See page 20).

Requirements for Cultural & Natural Resource Management—Mālama Ahupua‘a

All students take a core of courses and choose from two concentrations: Kia‘i or Mālama ‘Āina. Students need to complete an academic plan.

✋ Contact Ann Emmsley, at 984-3243, or by email at aemmsley@hawaii.edu or Tracie Takatani, at 984-3322, or by email at ttakatan@hawaii.edu

Core Requirements (45 credits)

	Credits
AG 200 Principles of Horticulture - <i>Natural Science</i>	4
AG 230 Agriculture Business Management	3
BIOL 105 Hawaiian Field Biology	4
BIOL 124 Environment & Ecology	3
BOT 105/HWST 211 Hawaiian Ethnobotany - <i>Social Science</i>	3
ECON 120 Principles of Economics, or	
ECON 130 Microeconomics	3
ENG 100 Composition I - <i>Communication</i>	3
GIS 150 Intro to GIS/GPS	4
HWST 100 BCD Intro to Hawaiian Culture	1,1,1
HWST 107 Hawai‘i: Center of the Pacific - <i>Humanities</i>	3
HWST 207 Mālama Ahupua‘a	3
ICS 101 Digital Tools for the Information World, or	
BUSN 150 Intro to Computers - <i>Information & Computer Science</i>	3
MATH 100 Survey of Mathematics, or	
MATH 103 College Algebra, or	
MATH 115 Statistics	3
SP 151 Personal & Public Speech, or	
BUS 130 Business Communication - <i>Communication</i>	3

Cultural Resources Management & Enforcement—Kia‘i: 64-66 credits

All Core requirements(45) plus:

	Credits
AJ 223 Laws of Arrest, Search & Seizure, or	
AJ 200 Principles of the Hawai‘i Justice System	3
AJ 240 Hawaiian Cultural & Natural Resource Management	3
ANTH 210 Archaeology	3
ANTH 210L Archaeology Lab	1
POL 180 Intro to Hawaiian Politics	3
Two courses (6-8 credits) from the following list:	6-8
AJ 103 Criminal Investigation(3)	
AJ 221 Criminal Law(3)	
AJ 224 Rules of Evidence(3)	
HAW 101 Elementary Hawaiian I(4)	
HAW 102 Elementary Hawaiian II(4)	

Natural Resources Management—Mālama ‘Āina: 63-65 credits

All Core requirements(45) plus:

	Credits
AG 122 Soils Technology	3
AG 174 Economic Entomology	3
AG 265 Horticulture of Hawaiian Plants	3
AG 281 Weed Science	3
OCN 201 Science of the Sea, or	
ZOOL 200 Marine Biology	3-4
One course (3-4 credits) from the following list:	3-4
AG 201 Intro to Plant Disease(3)	
AJ 240 Hawaiian Cultural & Natural Resource Management(3)	
BIOL 200 Coral Reefs(4)	