

University of Hawai`i at Hilo

May 28, 2002 draft

The Mission

The mission of the College of Agriculture, Forestry, and Natural Resource Management is to assist individuals in acquiring the scientific knowledge, attitudes, and practical skills needed to practice environmentally sound, sustainable agriculture and to be productive and responsible global citizens. The college serves students and communities of Hawai`i Island and the State of Hawai`i, as well as students from the U.S. mainland and the Asia/Pacific region.

We are committed to:

- Providing broad-based, high quality education in agriculture, forestry, and natural resource management
- Offering hands-on learning, service-oriented education, and leadership and entrepreneurial skills
- Preparing students for graduate and professional studies and for life-long learning.
- Providing a learning environment that incorporates the Hawaiian values of aloha (the spirit of love and concern for others), kokua (support), laulima (cooperation and collaboration), `Ohana (devotion to family and community), and aloha `aina (love of the land)
- Encouraging close student-faculty interaction and collaboration on research projects
- Supporting faculty development in teaching, research, and service
- Promoting research through extramural grants.
- Offering academic and service programs responsive to community needs
- Providing distance learning to the peoples of the Pacific Basin in cooperation with the U.S. Department of Agriculture, Pacific Basic Agriculture Research Facility, and the U.S. Forest Service

Think Globally—Live Locally

Learning Objectives

Education takes many forms in the College. Students learn through lectures integrated with hands-on laboratories, through directed reading and research courses, and through collaboration with faculty on research projects. Faculty share their knowledge through practice and informal interaction as well as in the classroom. A student upon graduating from the College should have acquired the following knowledge, skills, and attitudes:

Knowledge

- Scientific knowledge of the principles on which agriculture is based
- Understanding of the application, particularly in tropical and sub-tropical climates, of state-of-the art techniques, processes, and concepts of environmentally sound agriculture in student-selected fields
 - tropical crops: ornamental plants, orchids, fruits and nuts, vegetables
 - aquaculture
 - livestock: sheep and goats, cattle, swine, horses
- Capacity to develop and adopt innovative approaches to the production, post-production and marketing aspects of agriculture
- Understanding of the role of agriculture in the changing geophysical, economic, and sociocultural world environment

Skills

- Skills to use existing technology for professional purposes
- Facility with computer applications and Internet resources, including word processing, data management, presentation software, email communication, and Web information sources
- Effective written and oral communication skills as required for professional purposes
- Mathematical skills required for professional purposes
- Analytic, critical thinking, and problem solving skills
- Job finding skills

Attitudes and Values

- Aloha `aina: Commitment to stewardship of natural and agricultural resources
- Aloha, Kokua, `Ohana and Laulima: Commitment to work with others to improve agriculture and/or to benefit the community