UNIVERSITY of HAWAIʻI
WINDWARD COMMUNITY COLLEGE
Ke Kulanui Kaiāulu o ke Koʻolau

IS 201 Ahupuaʻa

Spring 2025 CRN: 60106

3 credits

Windward Community College Mission Statement

'O keia ka wā kūpono e ho'onui ai ka 'ike me ka ho'omaopopo i kō Hawai'i mau ho'oilina waiwai. Aia nō ho'i ma ke Kulanui Kaiāulu o ke Ko'olau nā papahana hou o nā 'ike 'ake akamai a me nā hana no'eau. Me ke kuleana ko'iko'i e ho'ohiki ke Kulanui e kāko'o a e ho'okumu i ala e hiki kē kōkua i ka ho'onui 'ike a nā kānaka maoli. Na mākou nō e ho'olako, kāko'o a paipai i nā Ko'olau a kō O'ahu a'e me nā hana no'eau ākea, ka ho'ona'auao 'oihana a me ka ho'onui 'ike ma ke kaiāulu— hō'a'ano a e ho'oulu i nā haumāna i ka po'okela.

Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawaiʻi and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide the Koʻolau region of Oʻahu and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

Instructor Information

How to Contact Your Instructor

INSTRUCTOR: Lisa Hinano Rey

OFFICE: Online

OFFICE HOURS: by appointment

TELEPHONE: 808-389-4979

EMAIL: hinano.rey@hawaii.edu

EFFECTIVE DATE: Spring 2025

About

Study the traditional Hawaiian approaches to natural resources development, utilization, exploitation, and management. The Ahupuaʻa as the traditional Hawaiian unit of land and sea subdivision, beginning at the upland forests, stretching across lower elevations, past the shoreline to the edge of the reef, will be evaluated as a microcosm of an integrated ecosystem and as a model for natural resource management and sustainability.

Recommended Preparation: BIOL 101 or BIOL 124 or similar preparation

Alternate Contact Information

If you are unable to contact the instructor, have questions that your instructor cannot answer, or for any other issues, please contact the Academic Affairs Office:

- Location: Alakaʻi 121
- Phone: (808) 235-7422

Course Information

Catalog Description

Study the traditional Hawaiian approaches to natural resources development, utilization, exploitation, and management. The Ahupuaʻa as the traditional Hawaiian unit of land and sea subdivision, beginning at the upland forests, stretching across lower elevations, past the shoreline to the edge of the reef, will be evaluated as a microcosm of an integrated ecosystem and as a model for natural resource management and sustainability.

Prerequisites: BIOL 101 or BIOL 124 or similar preparation

Student Learning Outcomes

As a result of taking this course, students can expect to attain the following outcomes:

1. 1. Describe how Hawaiiʻs unique geological formation affects its sustainable natural resources.
2. Describe how the ancient migration begins to affect the management of its natural resources and the socio-political fabric of the “new land.”
3. Describe the agri-spiritual relationship between the plant and the mahiʻai (farmer) and the fish and the lawaiʻa (fisherman)
4. Describe the ancient and present management value of water.
5. Hands on learning in the Ahupuaʻa: Assist in the construction/maintenance of a loʻi kalo (taro patch) and/or a loko iʻa (fishpond) OR Create a PSA video on an environmental topic of choice OR submit written testimony to state legislation about an environmental bill.
6. Describe and discuss the current resource management practices which augmentor negate ancient practices.

Required Materials

Handy, E.S. , Handy P.G., Pukui, M.K.,1972. Native Planters in Old Hawaiʻi: their life, lore and environment. University of Hawaiʻi Press, Honolulu. 192 pp.

A digital copy may be purchased at :

Bishop Museum Press ($19.00) Native Planters in Old Hawaii: Their Life, Lore, and Environment (ebook – Bishop Museum Press)

Other required readings will be from digital resources that will be provided in the Lāmaku platform.

Course Format

This is a fully online 8-week course. Please note that this is not a self-paced course, the class schedule is strictly followed.

Participating in our Learning Community

Please engage regularly as a learning community using your mobile devices, social media and by using the tools provided by your instructor including the Lāmaku Platform.

Professionalism

Online discussions and peer feedback on written work are invaluable. However, we must observe appropriate behavior online, just as we would in a classroom. Here are a few guidelines:

1. Do not use all CAPS in online communication. ALL CAPS usually indicate that the writer is shouting, and this could set up an uncomfortable situation.
2. Use correct spelling, capitalization and punctuation in ALL correspondence. Do not use "texting" language.
3. At all times, be respectful to each other. Choose your words carefully. When communicating online, words can be misunderstood, so make sure to proofread before posting and consider how someone might misinterpret them.
4. Express differences of opinion in a polite and rational way.
5. Maintain an environment of constructive criticism when commenting on the work of other students.
6. Avoid bringing up irrelevant topics when involved in group discussions or other collaborative activities.
7. If you cite someone else's ideas, make sure to give them credit.
8. If you ever receive an e-mail or response in discussions that is not appropriate, please contact your instructor immediately. I have a no tolerance policy to anything that appears to be harassing, impolite, insulting or which uses profanity. Situations like this may be referred to the Dean and corrective action will be taken.

Netiquette

The best possible experience in discussion forums and in e-mail exchanges occurs when respect is shown to all participants. When addressing other people on the discussion forums, think about the impact of your words and remember that unlike face-to-face communication, those you communicate with cannot see the expression on your face or hear the intonation in your voice.

Try to be brief and to the point. Answer questions but do not be drawn into arguments. The discussion forum is not the place for political arguments or for discussion of inappropriate topics.

If you cite someone else's ideas, make sure to give them credit.

Peer Feedback

Collaborative learning is a part of this course. Students are expected to provide quality feedback to their peers. Some of the ways that this can be done in this course include the following:

- Be nonjudgmental and provide specific examples if discussing the work of someone else
- Cite examples from your own work or cite other research as a way to make your point
- Make suggestions that are easy to understand and make sense. Suggest specific processes that a person might use to solve a particularly difficult problem.

Course Technology (Optional)

Lamakū Learning Management System (https://lamaku.hawaii.edu/d2l/home)

- Keeping Accessibility and UDL in Mind - Google Docs
- Lamakū automatically logs you out *if it does not detect activity for three hours*. A warning message will appear, notifying you of the lack of activity. Activity is defined as clicking a button in Lamakū, such as "Save Draft" or "Next" (in a test), clicking on a course tab, or taking an action that sends information to the server.

Regular Substantive Interaction

Online courses at Windward Community College follow these guidelines for ensuring quality instruction: RSI Definition-WCC.

Other Technology

Review the privacy/security policies before using the technologies we will be using in this class. Contact me if you would like to discuss the use of alternate options or technologies.

- Padlet is used for some of the discussion activities (Padlet Accessibility Statement, Padlet privacy policy)
- Zoom is used for the virtual office (accessibility statement, privacy policy)

Required Hardware and Software

A more recent model desktop or laptop (2015 or later model), either Windows or Mac is recommended

Reliable high-speed (Cable or DSL) Internet connection

Adobe (Acrobat) Reader. Download is free.

Participation Verification

Campuses are required by federal regulations to verify the participation of students in their classes. In accordance with Executive Policy 7.209, all students in the University of Hawai'i system are required to establish "participation" to ensure that they are not dropped from their class(es). Effective fall 2021, students who fail to participate by the late registration period for a class will be administratively dropped from that class. Students may also be dropped from dependent prerequisite and/or corequisite classes if both courses do not establish participation.

Grading Policy

Attendance: Class participation is required and essential to your success in this course. Your ability to complete each assignment and discussion for the week will require that you login to the Lāmaku site and watch the lecture material paying close attention that you learn key works and incorporate them into your assignments and discussions.

Late work will only be accepted on a case by case basis provided that an appropriate excusable absence is given in a timely manner. Email the instructor immediately if there is a circumstance that gets in the way of your participation in class.

At the instructor's discretion some alternative and optional opportunities to demonstrate understanding of the key concepts in this course may be offered to the class. Points available and details will be provided in Lāmaku announcements.

I (incomplete), is given at the INSTRUCTOR'S DISCRETION if the student is unable to complete a small part of the course because of circumstances beyond your control. It is THE STUDENT'S responsibility to make up incomplete work with a minimum level (or better) of achievement. Failure to satisfactorily make up incomplete work within the appropriate time period will result in a grade change from "I" to the contingency grade identified by the instructor (see WCC Catalog).

CR (credit), 70% or above in total points. The student must indicate an intent to take the course as CR/N in writing by the end of the 10th week of classes (see WCC Catalog).

NC (no credit), below 70% or above in total points (see catalog). The NC grade will not be used as an alternative grade for an "F"

W (withdrawal), Official withdrawal is determined by the date listed in the Schedule of Classes.

Assessment Tasks and Grading

You will receive a letter grade based on the following scale (note that the minimum number of points needed to pass is 350 points):

- Discussions 100 pts
- Assignments 100 pts
- Quizzes 100 pts
- Exams 200 pts

Grade scales:

- A = 90 – 100% of total points
- B = 80 – 89% of total points
- C = 70 – 79% of total points
- D = 60 – 69% of total points
- F = less than 60% of total points

Weekly Assignments -

The following schedule is subject to change. Should changes occur, you will be notified by Lāmaku announcement.

Please note the final exam for this course is Friday, 3/7/25 by 12 noon.

Week 1, Dates 1/13-1/19 -Introduction to the Course/ Unit I Ahupuaa Overview - Topics: The philosophy and characteristics of science and the scientific method; Traditional Hawaiian life in the ahupuaʻa, and the importance of the ahupuaʻa system in sustaining not only natural resources, but also cultural, human, and spiritual resources; History and characteristics of the ahupuaʻa; History of human occupation and impacts in the Hawaiian islands.

A. Assignment (5.5 points) Learner Intro Form & Syllabus Review Due Friday 12 11:55pm

B: Assignment Unit 1 Padlet (7 points) Friday 11:55pm

C: Forum 1: Self-Intro (12.5 points) - Post on Lamaku by Thursday 11:55pm 6.5 points / 2 Comments by Sunday 11:55pm- 3pts each

Week 2, Dates 1/20-1/26: Unit II Our Islands in the Pacific -Topics: Geologic origin, geography, and biogeography of the Hawaiian island chain; Formation and characteristics of Hawaiian soils; Formation and evolution of Hawaiʻi's coral reefs.

A. Assignment (12.5 points) Friday 11:55pm

B: Forum 2:(12.5 points) - Forum Post by Thursday 12 midnight 6.5 points / 2 Comments by Sunday 11:55pm- 3pts each

C: Quiz 1 (25 points): Unit I & II - Due Sunday 11:55pm

Week 3, 1/27-2/2: Unit III Evolution and Migration -Topics Evolution of hawaii fauna and flora; Origins of native Hawaiian flora and fauna, both terrestrial and marine; Migration and canoe plants Utilization, and management of resources transported to the islands by the Hawaiians

A. Assignment (12.5 points) Friday 11:55pm

B: Forum 3: (12.5 points) - Forum Post by Thursday 12 midnight 6.5 points / 2 Comments by Sunday 11:55pm- 3pts each

C: Quiz 2 (25 points): Unit II & III - Due Sunday 11:55pm

Week 4, 2/3-2/9 : Unit IV Ocean and Nearshore Resources -Topics Deep Ocean and Reef Resources

Resources Shoreline & Loko Kuapa

A. Assignment (12.5 points) Friday 11:55pm

B: Forum 4:(12.5 points) - Forum Post by Thursday 12 midnight 6.5 points / 2 Comments by Sunday 11:55pm- 3pts each

C: Midterm exam (100 points)- Unit I & II & III & IV- Due Sunday, 11:55pm

Week 5, 2/10-2/16: Unit V - Wao Kanaka -Topics Loi Kalo, Agroforestry, History of land tenure and ownership in Hawai‘i and how changes in tenure and ownership have influenced Hawaiian natural resources;

A. Assignment (12.5 points) Friday 11:55pm

B: Forum 5: (12.5 points) - Forum Post by Thursday 12 midnight 6.5 points / 2 Comments by Sunday 11:55pm- 3pts each

C: Quiz 3 (25 points): Unit V - Due Sunday 11:55pm

Week 6, 2/17-2/23: Unit VI Forest for the Rain -Topics Forest Resources and Types-; History of Forestry in Hawaii and Human Land Use Impacts on Hawaiian Forests

A. Assignment (12.5 points) Friday 11:55pm

B: Forum 6: (12.5 points) - Forum Post by Thursday 12 midnight 6.5 points / 2 Comments by Sunday 11:55pm- 3pts each

C: Quiz 4 (25 points): Unit V & VI - Due Sunday 11:55pm

Week 7, 2/24-3/2: Unit VII Integrating the System - Topics The nature and functioning of watersheds and their hydrologic networks as identifiable ecosystem and management units and how watersheds relate to the ahupua‘a

A. Assignment (12.5 points) Friday 11:55pm

B: Forum 7: (12.5 points) - Forum Post by Thursday 12 midnight 6.5 points / 2 Comments by Sunday 11:55pm- 3pts each

Week 8, 3/3-3/7: Unit VIII Advocacy and Policy- Biocultural restoration; cultural, human, and spiritual resources; Sustainability/ Food Sovereignty Ahupua‘a concept applied to modern natural and developed resource management and conservation approaches.

A. Assignment (12.5 points) Thursday 11:55pm

B: Forum 8: (12.5 points) - by Tuesday 11:55pm 6.5 points /2 Comments by Friday 12 noon- 3pts each

C: Final Exam (150 points) - Friday 1/3/24 12 noon

All assignments for each week are due as stated in the course schedule below. Grades for assignments will be posted within 24 to 48 hours of the due date.

Academic Integrity

Work submitted by a student must be the student's own work. The work of others should be explicitly marked, such as through the use of quotes or summarizing with reference to the original author.

In this class, students who commit academic dishonesty, cheating, or plagiarism will have the following consequence(s):

Students will receive a failing grade for plagiarized assignments.

All cases of academic dishonesty are referred to the Vice Chancellor for Student Affairs.

Windward CC Student Conduct Information

UH System Student Conduct Policy EO 7.208

Include an AI Statement (is it ok in your class? if so, when/how?) Here are some UH AI Recommendations and AI Icons & Sample Statements. Instructors should refrain from sharing or inputting student work into online AI tools, including AI detection tools, without obtaining student consent. Uploading student work has potential FERPA implications as well as potential copyright concerns. Additionally, the uploaded content could be used as data for AI training without the student's consent.

Student Responsibilities

- Students may check the Student Notifications page on the website for canceled classes.

How to Seek Academic or Technical Support

Academic Support

- Windward Community College Library
- Library eResources
- Ka Piko Writing Lab
- Ka Piko Speech Lab
- Ka Piko Math Lab

- Evening and Online Learning at Windward Community College
- STAR Balance

Technical Support

- UH ITS Help Desk – email help@hawaii.edu or call 956-8883 (or 1-800-558-2669) for Lamakū and most technology support. Available 24 hours a day, 7 days a week, including holidays.
- Student Tech Support - email winhelp@hawaii.edu, call 808-235-7437, or stop by in person at Hale Laʻakea 228. Available Monday–Friday from 8:00 am–4:00 pm.
- Lamakū – Click on the Lamakū Help link in the menu bar at the top of the Lamakū homepage to fill out and submit a question and get your answer via email.
- Information Security for Students

College Policies & Support Services

Disabilities Accommodations Statement

The Windward Community College's Disability Student Services Office (WCC-DSSO) is committed to providing equal access to qualified students with disabilities.

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to participate fully in this class, you are encouraged to contact the Disability Specialist Counselor, Roy Inouye, to discuss reasonable accommodations that will help you succeed in this class. The Disabilities Counselor can be reached at 808-235-7448, wccdsso@hawaii.edu, or stop by the office (Hale Kakoʻo 106) for more information.

TRIO PROGRAM

The Federal TRiO Programs are educational opportunity outreach programs designed to motivate and support students from disadvantaged backgrounds. TRiO includes six outreach and support programs targeted to serve and assist low-income, first-generation college students and students with disabilities in progressing through the academic pipeline from middle school to post-baccalaureate programs. Here is their contact info:https://windward.hawaii.edu/trio/

Basic Needs

Basic needs include food and housing, childcare, mental health, financial resources, and transportation. Student basic needs security is critical for ensuring strong academic performance, persistence and graduation, and overall student well-being. If you or someone you know is experiencing basic needs insecurity, please see the UH System Basic Needs website.

Mental Health Counseling

Mental Health and Wellness at Windward Community College counseling services and activities on campus to support students' life goals as well as their academic goals. Information about services can be found at the WCC Mental Health & Wellness website.

LGBTQ+

The University of Hawai'i system and Windward Community College are committed to building an inclusive community that supports and advocates for all Students, Staff, and Faculty. We welcome all members of our campus community to our campuses: transgender, māhū, and people of all gender identities. All members of our campus community deserve a work and educational environment free from harassment or bullying based on their sexual orientation, gender identity, or expression. University of Hawai`i Commission on LGBTQ+ Equality at their website: http://www.hawaii.edu/offices/president/lgbtq/ Windward Community College Commissioner: Scott Sutherland, scottjks@hawaii.edu

UH Alerts

The UH Alert emergency notification system alerts the university community in the event of a natural, health or civil emergency. The information you provide will only be used in the event of an emergency that impacts the health and safety of the UH community or the closure of whole campuses. It will not be shared with others or used for routine UH communications or announcements. To sign up, visit UH Alerts website for more information.

Financial Aid

If you are receiving financial aid and are contemplating not completing the course, BEFORE you withdraw, it is highly recommended that you contact the Financial Aid Office at 808-934-2712 or email them at wccfao@hawaii.edu to discuss the impact this decision may have on your financial aid eligibility.

Student Conduct Code

Windward Community College follows the University of Hawai'i Code of Student Conduct which defines expected conduct for students and specifies those acts subject to University sanctions. Students should familiarize themselves with the Code of Student Conduct since, upon enrollment at Windward Community College, the student has placed herself/himself under the policies and regulations of the University and its duly constituted bodies. The disciplinary authority is exercised through the Office of the Vice Chancellor for Student Affairs. Copies of the Student Conduct Code are available at the Office of the Vice Chancellor for Student Affairs or online.

Title IX - Sex Discrimination And Gender-Based Violence Resources

Windward Community College is committed to providing a learning, working, and living environment that promotes personal integrity, civility, and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking.

If you or someone you know is experiencing any of these, WCC has staff and resources to support and assist you. To report an incident of sex discrimination or gender-based violence, as well as receive information and support, please contact one of the following:

Leslie Cabingabang, UH System Confidential Advocate
Phone/Text: (808) 348-0432 or (808) 341-4952
Email: advocate@hawaii.edu
Office: Hale Kākoʻo 107 (Wednesdays)

Mykie E. Menor Ozoa-Aglugub, J.D., Title IX Coordinator
Phone: (808) 235-7468
Email: mozoa@hawaii.edu
Office: Hale Kākoʻo 109

Desrae Kahale, Mental Health Counselor & Confidential Resource
Phone: (808) 235-7393
Email: dkahale3@hawaii.edu
Office: Hale Kākoʻo 101

Karen Cho, Deputy Title IX Coordinator
Phone: (808) 235-7404
Email: kcho@hawaii.edu
Office: Hale ʻAlakaʻi 120

As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator. Although the Title IX Coordinator and I cannot guarantee confidentiality, you will still have options about how your case will be handled. My goal is to make sure you are aware of the range of options available to you and have access to the resources and support you need.

For more information regarding sex discrimination and gender-based violence, the University's Title IX resources, and the University's Policy, Interim EP 1.204, go to manoa.hawaii.edu/titleix/