

BIO 199 Environment and Ecology of Galapagos
01 Credit

INSTRUCTOR: David A. Krupp
OFFICE: Hale 'Imiloa 121A
TELEPHONE: 236-9121
EFFECTIVE DATE: January, 27 2017 – February 9, 2017

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai'i and its unique heritage.

With a special commitment to support the access and educational needs of Native Hawaiians, we provide O'ahu's Ko'olau region and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

COURSE DESCRIPTION

The students will engage in a scientific and cultural exchange with researchers, students, and community members of the Galapagos Islands. While on the Galapagos Islands students will explore the national park terrestrially and in the marine and estuarine environments. They will engage in local environmental management issues that include food and economic sustainability. Students prepare and deliver an oral presentation on an environmental science topic.

STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:

- Coordinate a student research team in the development, implementation and documentation of a group research project.
- Compare and contrast the Theory of Evolution and the Kumulipo.
- Compare and contrast environmental management and related issues between Hawai'i and the Galapagos
- Utilize experiential-learning methods and a hands-on training approach to increase students' understanding of science, communication, and culture to enhance their academic performance.
- Develop and present a lecture presentation on an environmental science topic.

COURSE TASKS

The student will achieve these outcomes by participation in the following tasks:

- The student will maintain a field notebook to record all notes, observations, and information gathered before and during field activities. This notebook must be brought to every laboratory period. ***FAILURE TO BRING THE FIELD NOTEBOOK PROPERLY PREPARED FOR THE DAY'S LAB ACTIVITY WILL RESULT IN A 10 POINT REDUCTION IN THE STUDENT'S TOTAL POINTS FOR EACH OCCURRENCE.*** This notebook will be collected and graded twice

during the program (25 points for the first collection; 25 points for the final collection; 50 points total). The type of notebook and the kind of information required will be explained during the introductory lab session.

- Engage in various field and class activities that include the exploration of Tortuga Bay, Las Ninfas Bay, the uplands of Isla Santa Cruz, the mangrove and estuarine systems of southern Isla Santa Cruz.
- Engage with local Galapagos students on local and Hawaiian environmental topics with the Tomas de Berlanga School.
- Engage the public of Isla Santa Cruz in a cultural exchange incorporating the arrival of Hōkūle'a and the mission of the Mālama Honua World Wide Voyage
- Engage in the development of a group research project and its documentation (formal written report and oral presentation).
- Prepare and deliver a short lecture presentation on an environmental science topic to the class.
- Complete an essay describing your participation in this program. This essay should include a self-assessment of the student's performance and learning outcomes.

GRADING

The assignment of points will be according to the following protocol:

Completion of Group Oral Presentation	50	points
Completion of Group Final Report	100	points
Evening Lecture	50	points
Student Journal	50	points
Student Field Notebook	50	points
Self-Assessment Essay	50	points
TOTAL	350	points

Letter grades will assigned as follows:

A	90% or above in total points.
B	80-89.9% of total points.
C	70-79.9% of total points.
D	60-69.9% of total points.
F	Below 60% of total points or informal or incomplete official withdrawal from course or unacceptable attendance (<85% of scheduled days and activities).
I	Incomplete; given at the INSTRUCTOR'S OPTION when student is unable to complete a small part of the course because of circumstances beyond his or her control. It is the STUDENT'S responsibility to make up incomplete work. Failure to satisfactorily make up incomplete work within the appropriate time period will result in a grade change for "I" to the contingency grade identified by the instructor (see catalog).

CR	70% or above in total points; the student must indicate the intent to take the course as CR/NC in writing by the end of the 10th week of classes (see catalog).
NC	Below 70% of total points; this grade only available under the CR/NC option (see above and see catalog).
N	NOT GIVEN BY THIS INSTRUCTOR EXCEPT UNDER EXTREMELY RARE CIRCUMSTANCES (e.g., documented serious illness or emergency that prevents the student from officially withdrawing from the course); not used as an alternative for an "F" grade.
W	Official withdrawal from the course (see catalog).

Waiver of minimum requirements for specific grades may be given only in unique situations at the instructor's discretion.



Envir Ecol Galapagos - List of names

Dave Krupp <krupp@hawaii.edu>
To: Geri Imai <geri@hawaii.edu>, Christine Pang <cmppang@hawaii.edu>

Thu, Jan 12, 2017 at 1:14 PM

FYI

Begin forwarded message:

From: Derek Esibill <wired@thepaf.org>
Subject: Re: Envir Ecol Galapagos - List of names
Date: January 12, 2017 at 12:10:55 PM HST
To: Dave Krupp <krupp@hawaii.edu>

Okay, I am working on funding, most will pay themselves, we (PAF) will cover 3 (purple). Here is a list of the students and their emails

Full Name	Gender	Birthdate	Email Address
Chase Sawyer	M	2/15/2000	csawyerH@gmail.com
Andrea Taumaloto Moliga	F	7/9/2000	moliga07@gmail.com
Kaiehu Kelekona Kaupu-Hanks	M	2/29/2000	Kaiehukaupuhanks@gmail.com
Kahulu Nunokawa	F		chandler.nunokawa@imua.ksbe.edu
Keolani Kahale	F		Keolani.Kahale@imua.ksbe.edu
Shaye Nozoe	F		shaye.Nozoe@imua.ksbe.edu
Emily Stone	F		emily.stone@imua.ksbe.edu
Kamualii Estrada	M	2/19/2002	kamualii.estrada@halaukumana.org
Kalama Abad	M		kalamapuaena.abad@halaukumana.org
Kamalu Abad	F		kamalupawehi.abad@halaukumana.org
Paisley Richards	F	5/4/0200	paisley.richards@halaukumana.org
Malia Aiello	F		malia.aiello@imua.ksbe.edu
Kiana Davis	F		kiana.davis@imua.ksbe.edu
Jonah Apo	M		jonah.apo@imua.ksbe.edu
Kainoa Gamer	M		Kainoa.gamer@imua.ksbe.edu
Mikaila Ng	F	3/13/0200	mikaila.ng@imua.ksbe.edu

Respectfully,
Derek Esibill
Pacific American Foundation
WIRED Program Director
www.thepaf.org/WIRED
(808) 284-6388

WINDWARD COMMUNITY COLLEGE INDEPENDENT STUDY PROJECT PROPOSAL FORM

(Refer to current WCC Catalog for registration deadline)

(Please type or print clearly in black or blue ink)

Student's Name: TBA High School Students (~15) ID #: _____
Last Names to be First provided. MI _____

Mailing Address: _____
Street _____

Phone No.: _____
City _____ State _____ Zip Code _____

Degree Objective: N/A Major: Early Admission

General Project Information

BIOL _____ No. of Credits: 01 Grading Method: A-F CR-NC
Discipline _____ 99V 199V 299V (1 - 4)

Start date: 01 / 27 / 2017 End date: 02 / 09 / 2017 This project/study is an extension of: N/A
Course _____ Number _____

Project Advisor: David Krupp Contact Info: krupp@hawaii.edu

Title of Project (20 characters max):

E	n	v	i	r	E	c	o	i	G	a	l	a	p	a	g	o	s
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To be filled out by Vice Chancellor of Instruction's Office:

Course Alpha: B10L 199V
CRN: 64473
Semester (Check One): Fall Spring Summer
Year: 2017

If no course exists, please give reasons why the project should be approved.

Required Signatures

Student: _____ Date _____

Project Advisor: [Signature] Date 1/10/17

Dept. Chair: [Signature] Approved Disapproved Date 1/10/17

Dean or Vice Chancellor of Instruction: [Signature] Approved Disapproved Date 1/10/17

A&R 1/12/17 CP