GG106 : Humans and the Environment
Fall 2018
Monday-Wednesday-Friday 11:30 – 12:20 am POST 723

Instructor: Henrietta Dulai
Office: POST 707
e-mail: hdulaiov@hawaii.edu
Phone: 808-956-0720
Office Hours: always available after class and by appointment
You can also communicate with the instructor and the class via Laulima and e-mail

Class material is available through Laulima under the GG106 tab

The class prepares students to make decisions on sustainable use of natural resources and what environmental actions relevant to society and Earth’s ecosystem are appropriate on a local and global scale.

Class student learning objectives
At the end of the class you should:
know the basic concepts of environmental geology;
be a more informed citizen concerning the geologic environment;
demonstrate critical thinking about sustainability, the use of natural resources and environmental pollution.

The class will consist of lectures, readings, worksheets, group projects, and videos. Grades will be based on completion of worksheets (8 best grades out of 10 worksheets, 16 %), one group project (24%), 3 exams (20% each). If a student must miss an exam because of illness, family crisis, etc she/he must inform the instructor by phone or e-mail as soon as possible.
Exams will have 2 parts:
1. Solo test – you will take a test in 30 minutes.
2. Group test – you will take the exact same test with 2 or 3 other students. You will only have 20 minutes to complete it. The group will have to agree on a single right answer to put on the test. Everyone in the group puts their name on a single test. Your exam grade will be a ratio of these 2 parts: typically, 80/20.
Group project – during several class periods we will go in the field to learn about water quality and sample streams for pollutants (pesticides and/or pharmaceuticals).

Preliminary schedule – will adjust to fit class needs

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This is an introductory Earth and Environmental Science class focusing on how humans interact with the environment. Most class periods are lecture-based with short videos, in class exercises, and discussions. For most students, the difficulty of the class comes from a new vocabulary and new concepts.

**Department Learning Objectives**

The Department of Geology and Geophysics has established the following undergraduate student learning objectives.

- Students can explain the relevance of geology and geophysics to human needs, including those appropriate to Hawaii, and be able to discuss issues related to geology and its impact on society and planet Earth.
- Students can apply technical knowledge of relevant computer applications, laboratory methods, and field methods to solve real-world problems in geology and geophysics.
- Students use the scientific method to define, critically analyze, and solve a problem in earth science.
- Students can reconstruct, clearly and ethically, geological knowledge in both oral presentations and written reports.
- Students can evaluate, interpret, and summarize the basic principles of geology and geophysics, including the fundamental tenets of the sub-disciplines, and their context in relationship to other core sciences, to explain complex phenomena in geology and geophysics.
Sexual Harassment

The University of Hawai‘i 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, the University has staff and resources on your campus to support and assist you. Staff can also direct you to resources that are in the community. Here are some of your options:

**As members of the University faculty, your instructors (including me) are required to immediately report any incident of potential sex discrimination or gender-based violence to the campus Title IX Coordinator.** Although the Title IX Coordinator and your instructors cannot guarantee confidentiality, you will still have options about how your case will be handled. Our 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.

If you wish to remain ANONYMOUS, speak with someone CONFIDENTIALLY, or would like to receive information and support in a CONFIDENTIAL setting, use the confidential resources available here (and see below). http://www.manoa.hawaii.edu/titleix/resources.html#confidential

If you wish to directly REPORT an incident of sex discrimination or gender-based violence including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence or stalking as well as receive information and support, contact: Dee Uwono Title IX Coordinator (808) 956-2299 t9uhm@hawaii.edu; or contact me and I will take you to the Title IX office.

Confidential Reporting

University of Hawaii students, faculty and staff have an important resource to confidentially report violations of laws, rules, regulations and UH policies. A whistleblower hotline launched in June 2016 further advances the university's commitment to encourage and enable any member of UH or the general public to make good faith reports of misconduct.

Disability Access:
If you have a disability and related access needs the Department will make every effort to assist and support you. For confidential services students are encouraged to contact the Office for Students with Disabilities (known as “Kokua”) located on the ground floor (Room 013) of the Queen Lili‘uokalani Center for Student. The instructor has worked with Kokua program several times in the past years.

Services:

KOKUA Program
2600 Campus Road
Honolulu, Hawaii 96822
Office hours 7:45 AM – 4:30 PM
Voice: 956-7511
Email: kokua@hawaii.edu
URL: www.hawaii.edu/kokua