WHERE ARE GES ALUMNI?

- Graduate School
- Professional School
- Environmental Consulting
- Federal Agencies
- State Agencies
- City and County Agencies
- Research Science Positions
- Private Sector Positions
- K-12 Stem Teachers
- Medical School
- Law School
- Engineering School

GLOBAL ENVIRONMENTAL SCIENCE

Amanda Wong planting pio at Keauhou Bird Conservation Center, Hawai‘i Island. Pacific Internship Programs for Exploring Science (PIPES) Research Experiences for Undergraduates (REU) 2017 (Mentors: Dr. Rebecca Ostertag and Dr. Susan Cordell)

Photo Credit: Giovanni Tolentino

Bachelor of Science in

GES graduates at the University of Hawai‘i at Mānoa
107th Annual Commencement Exercises

Dr. Michael Guidry, Program Chair
Lentina Villa, Student Services Specialist

Department of Oceanography
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PROGRAM DESCRIPTION

The Global Environmental Science (GES) program is a holistic, rigorous approach of studying the Earth and Earth's physical, chemical, biological, and human systems and investigation of natural, economic, policy, cultural and social systems and their interactions with the Earth system. Sustainability concepts and issues are scientifically and quantitatively approached.

SUBJECTS YOU CAN EXPLORE

- Ocean & Freshwater Sciences
- Indigenous Science
- Environmental Planning
- Environmental Policy
- Environmental Engineering
- Sustainable Tourism
- Environmental Economics
- Energy & Renewables
- Climate Change
- Environmental Law
- Public Policy
- Resource Management
- Sustainability Science

MENTORING & SUPPORT

GES students receive these services:

Academic Planning
What courses should I take?
You receive one-on-one academic advising with a GES faculty member every semester about coursework and how it fits into your overall academic plan and goals.

Faculty-mentored Thesis Project
How do I accomplish my research project?
We use a combination of courses and one-on-one faculty mentoring to find a research project that fits your interest. Also, one or more UH faculty will serve as your thesis project mentor to assist you in completing your thesis project.

Career Planning
What are my career options?
GES faculty help you explore the possibilities & academic and experiential preparation needed to achieve your post-undergraduate goals.

PREPARATION FOR YOUR FUTURE

GES students are trained in the following:

Independent Research
Demonstrate ability to carry out independent research with your faculty-mentored thesis project

Written Communication
Ability to effectively communicate ideas in writing

Oral Communication
Skilled delivery of informal and formal oral presentations

Computer Programming
Ability to write programs and visualize data

Rigorous Science and Math Foundation
A solid and broad foundation in biology, chemistry, physics, and mathematics