

Certificate in Sustainability Issues

The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through STAR GPS at <https://www.star.hawaii.edu/>. Academic Advising appointments may be scheduled by calling 808-689-2689 or toll-free from neighbor islands at 866-299-8656 or by visiting STAR BALANCE at <https://www.star.hawaii.edu/appointment/login.jsp>. Please visit the Advising website for further information <https://westoahu.hawaii.edu/academics/advising/>.

Global society is at a critical crossroads. Biodiversity loss, climate destabilization, food insecurity, social inequity and resources scarcity collectively pose an existential threat to human welfare and social stability. Recognizing these global challenges, international and regional institutions have responded in identifying strategic goals and programming to begin the transition to a more sustainable society. The Sustainability Issues certificate focuses on the analysis of key ecological and social issues in sustainability from the regional to the global scale. The Sustainability Issues certificate at UHWO will develop students with the following key competencies: systems thinking; ability to work in diverse communities; work across disciplines; ethical decision-making; innovation; leadership and management skills. Through a holistic study of sustainability, the Sustainability Issues certificate aims to develop highly skilled and civic-minded graduates prepared to advance the green economy through new businesses and social enterprises, their chosen career path and preparing students for graduate-level training in disciplines such as Education, Hawaiian Studies, Anthropology, Agriculture and Natural Resource Management, Political Science or Urban and Regional Planning.

The Certificate in Sustainability Issues is also available via distance delivery.

Lower Division Requirement- Choose one course from the following (3 CR):

- BIOL 123 Hawaii Environmental Biology
- BIOL 124 Environment and Ecology
- EDUC 120 'Aina/Place-Based Education
- EDUC 210 Hawaiian Ways of Knowing in Education
- GEOL 122L Introduction to Earth Science
- MET 209 Introduction to Climate Studies
- OCN 201 Science of the Sea
- PHIL 103 Environmental Philosophy

Credits	Course Alpha / Number / Title
3	

Upper Division Requirement- Choose 4 courses from the following (12 CR):

- ANTH 350 Pacific Islands Cultures
- ANTH 361 Introduction to Geographic Information Systems (xlst SCFS 361)
- ANTH 389 Cultural Resource Management
- ANTH 415 Human Biocultural Variation
- ANTH 421 Sustainability and Tourism (xlst HOST 421)
- ANTH 427, Food Health and Society
- BIOL 360 Island Ecosystems
- ECON 358 Environmental Economics
- EDEE 464 Science Methods
- EDEF 310 Education in American Society
- EDML 458 Science Methods
- EDSE 457 Science Methods
- FMGT 330 Principles and Practices for Facilities Management
- GEOG 328 Culture and Environment
- HPST 345 Native Planters: Traditional Agriculture Systems of Hawai'i and the Pacific (xlst SCFS 345)
- PHIL 482 Environmental Ethics
- POLS 326 Environmental Politics
- POLS 335 Politics of Food (xlst SCFS 335)
- POLS 336 Politics of Water (xlst SCFS 336)
- POLS 342 Indigenous Peoples and Modernity (xlst HPST 342)
- POLS 371 Global Futures

- PUBA 460 Environmental Policy, Planning, and Administration
- SCFS 300 Survey of Sustainable Community Food Systems in Hawai'i
- SCFS 310 Introduction to Agroecology: The Science of Sustainable Agriculture
- SCFS 320 Theory and Practice of Sustainable Agriculture
- SCFS 340 Food Sovereignty, Nutrition & Human Well Being
- SCFS 350 Natural History of Bees, Beekeeping & Honey Hunting
- SCFS 360 Survey of Literature on Agriculture, Food, and the Environment
- SCFS 370 Ahapua'a - Hawaiian Natural Resource Management from Mountain to Sea
- SCFS 385 Loko I'a & Near Shore Fisheries Management of Hawai'i
- SCFS 415 Mahi 'ai Kalo: Hawaiian Taro Production
- SCFS 450 Climate Change, Food Security, Resilience & Equity
- SCFS 455 Indigenous & Western Environmental Worldviews
- SCFS 484 Agriculture, Food and Human Values
- SCFS 485 Cross-Cultural Environmental Ethics

Credits	Course Alpha / Number / Title
3	
3	
3	
3	

Practicum- Choose 3 credits in a Sustainability Focused Practicum in any Division, consult with your Sustainability Faculty Advisor.

Credits	Course Alpha / Number / Title
3	HUM/SSCI 491 Community-Based Education and Service Learning or other sustainability focused Practicum in any Division

The faculty contacts for this certificate are Dr. Albie Miles (albie@hawaii.edu) and Dr. Monique Mironesco (mironesc@hawaii.edu)