ACS Sustainability Proposal

Effective beginning Fall 2021

Submitted for administrative approval June 1, 2020

Proposal Rationale

To be in alignment with other colleges in the UH system, assume a lead position in sustainability initiatives, and respond to the keen interest our student and instructional communities have in sustainability, Hawai‘i Community College must have an academic certificate in Sustainability. Per the UH System Executive Policy 4.202, with regards to Sustainability and Curriculum: "The University will encourage, facilitate and support curriculum development that advances the principles of sustainability and enables cross-campus collaborations that integrate teaching and research with solutions at the campus and community levels." Specific goals within EP 4.202 include: "the development of appropriate new courses and programs related to sustainability that articulate across campuses" and "the integration of sustainability principles into existing curricula where appropriate." The development of an Academic Subject Certificate in Sustainability at Hawai‘i Community College will help to realize those goals. The Academic Sustainability Committee of Hawai‘i Community College, working in concert with Department Chairs, has already vetted and approved nearly 30 "Sustainability" courses for Course- or Instructor-based S-Designation from a variety of disciplines, in which students will be able to enroll to complete an Academic Subject Certificate in Sustainability.

Description

The Sustainability Academic Subject Certificate supports efforts to improve environmental stewardship and sustainability. It is interdisciplinary and integrates sustainability themes and practices across the Hawai‘i Community College curriculum, drawing from Hawaiian Studies, Natural Science, Social Science and other disciplines.

Requirements

Students must successfully complete 12 credits of S-designated classes at Hawai‘i Community College, including one 3-credit S-designated class from each of the following areas: Hawaiian Studies, Natural Science, and Social Science. Students are encouraged to enroll in at least one class that includes an environmental community service component.

Hawaiian Studies Options
Any HWST course section S-designated including, but not limited to, HWST 100 Piko ~ Connecting with Hawai‘i Island, HWST 105 Mea Kanu Hawai‘i ~ Hawaiian Plants

Natural Science Options
1. AG 175 Agroforestry
2. AG 245 Tropical Silviculture and Forest Plant Propagation
3. AG 250 Sustainable Crop Production
4. AG 291 Forest Restoration Ecology
5. BIOL 101 Biology and Society
6. BIOL 124 Environment and Ecology
7. BIOL 156 Natural History of the Hawaiian Islands
8. BIOL 172 Introduction to Biology II
9. BIOL 265 Ecology and Evolutionary Biology
10. BOT 105 Ethnobotany
11. PHYS 105 Energy Systems and Sustainability
12. Any other Natural Science course section S-designated by Instructor including, but not limited to, BOT 130 Plants in Hawai‘i, CHEM 100 Chemistry and Society, GEOG 101 The Natural Environment, GEOG 170 Forest Ecosystem Survey, GEOG 180 GIS in Forest Ecosystem Management, GEOG 292V Special Topics Study Abroad, MICR 130 General Microbiology

Social Science Options
1. GEOG 122 Geography of Hawai‘i
2. HSER/SUBS 141 Introduction to Ho‘oponopono
3. SSCI 111 Food, Water, Energy, Technology
4. SSCI 150 Ecology and Society
5. SSCI 250 Environmental Issues
6. Any other Social Science course section S-designated by Instructor including, but not limited to, GEOG 102 World Regional Geography, IS 101 Bridges to Self and Community, PACS 108 Pacific Island Worlds

Other Disciplines
Any course section S-designated by Instructor including, but not limited to, those in English.