Curriculum Details (current date: September 8, 2013)

Proposed By

Proposed by: ciotti

Course Record ID

792

Entry Type

Modify (draft)

Date Created

April 19, 2013

Notes and Special Changes

Two changes are requested: 1. relocate course back to the Natural Sciences department. 2. re-list the DP designation option that was inadvertently dropped.

Stakeholders Consulted

- Natural Sciences department
- Humanities department
- Polynesian Voyaging team of lecture/lab instructors and coordinator

1. Justification

Two changes are requested: 1. relocate course back to the Natural Sciences department and 2. re-list the DP designation option that was inadvertently dropped. Ever since this course was first developed and offered in 1996, two-thirds of its curriculum has involved topics in the physical sciences with the remaining third involving topics in Hawaiian studies. The physical sciences portion includes numerous fields of earth science (astronomy, geology, oceanography, and meteorology) as well as physics. From 1996 through 2005, this course was housed in the Natural Sciences department and carried the option of earning 3-credits in the Natural Sciences or 3-credits in Humanities. Starting in Spring 2008, this course was relocated to the Humanities department. In the process, the Natural Science credit designation inexplicably was dropped from all catalog listings. This team-taught course continues to offer students a unique interdisciplinary blend of the phycial sciences and Hawaiian studies. The Natural Sciences and Humanities department concur that, based on the history, content and sustainability of this course, the DP designation should be re-listed as an option with the DH designation and further that the course should be
rellocated back to the Natural Sciences department

2. Course Alpha

IS

3. Course Number

260B

4. Course Title (long)

Polynesian Voyaging and Stewardship

5. Course Title Short

6. Course Credits

3

7. Course Credit Upper Range

0

Repeatable

Will default to 98 (this is how often someone can sign up for the course (not how many times they can apply it to a degree)

8. Course Description

This course focuses on the fundamentals of voyaging and the impact of human activity on the environment of Hawai'i, with emphasis on Kāne'ohe Bay and the Windward coast. An interdisciplinary approach is used in blending the traditions of Polynesian culture, history and skills with modern science and technology. Topics covered include Hawaiian studies, astronomy, geology, oceanography, meteorology, marine biology, ethnobotany and archaeology of Polynesia and Hawai'i.

9. Course Pre-Requisites

Credit for IS 160B or consent of instructor.
10. Course Co-Requisites
IS 260L

11. Course Recommended Preparation

12. Contact Hours (lecture, lab, lecture/lab)
3 hours lecture

13. Department
Natural Sciences

14. Cross-Listing

15. Course Content

16. Course Competencies

17. Assessments, Tasks, and Grading

Grading Options
Will be set to Banner default

18. Auxiliary Materials and Content

19. Additional Activities outside of class and class time

20. Special Costs connected to the course
21. What are the Student Learning Outcomes?

- Identify the remaining two of the four recognized star lines used for navigation.
- Contrast and compare wayfinding, celestial navigation and GPS.
- Discuss and explain the lunar phases and the causes and effects of tides.
- Explain and apply the physics of sailing, as related to Bernoulli's principle and Newtonian physics.
- Discuss the settlement of Hawai'i with emphasis on the Kane'ohe Bay area, including place names and voyaging chiefs.
- Apply the basic concepts in oceanography and meteorology, especially of the Pacific area.
- Apply basic sailing and navigational skills to prepare and carry out a sail plan.

22. Connection between the Course SLOs and the College's General Education Outcomes

23. How does the proposal connect to the college's strategic plan?

24. Describe the staff that will be needed

25. Describe the facilities that will be needed, including special rooms

26. Describe any other resources that will be needed

27. How will the staff, facilities, and other resources for the course be secured?

28. Certificates

29. Connection to the AA degree

AADH

30. Maximum Credits Towards an AA Degree
31. List any similar classes taught at outside of the UH system

32. List any similar classes taught at campuses in the UH System.

33. How, if at all, is the course intended to count in lieu of a course taught at a four-year campus.

34. How, if at all, is the course similar to upper-division courses in the UH System.

35. How does the course articulate with four-year programs (Gen Ed)?

36. List any articulations between this course and any four-year program.

End of Proposal