Curriculum Details

Proposed By
Proposed by: krupp

Course Record ID
780

Entry Type
Modify (draft)

Date Created
February 22, 2013

Notes and Special Changes

Stakeholders Consulted
WCC Natural Science Department

1. Justification

*Adjusting course content and SLOs to accommodate changes made to BIOL 171. Need to be sure content for this second semester of a two-semester sequence (BIOL 171 - BIOL 172) is complete. *Removing pre-requisite for BIOL 171L since BIOL 171L content not really required for success in BIOL 172. *Changing co-requisite for BIOL 172L to BIOL 172L being recommended. Reason: allow flexibility for the student to take the companion lab class in a different semester. Most students enrolling in BIOL 172 will eventually need to take BIOL 172L to satisfy baccalaureate requirements at a 4-year campus. But because BIOL 172 is often offered through distance learning technologies, students (especially neighbor island students) may not have the opportunity to take the companion lab class during the same semester that they take BIOL 172. *Also change course title to be consistent with that of UHM.

2. Course Alpha

BIOL
3. Course Number
172

4. Course Title (long)
Introduction to Biology II

5. Course Title Short
Introduction to Biology II

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
Continuation of BIOL 171. Topics include: Origin of eukaryotic organisms, their general characteristics, life cycles, systematics and evolution; Anatomy, physiology and classification of higher plants; Anatomy, physiology, behavior and classification of animals; and Basic ecological principles.

9. Course Pre-Requisites
Credit for BIOL 171 [removed BIOL 171L as a pre-requisite]

10. Course Co-Requisites
[removed BIOL 172L as a co-requisite]

11. Course Recommended Preparation
Concurrent enrollment in BIOL 172L
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

Students complete weekly (approx.) quizzes, two midterm exams, one comprehensive final exam

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?

*Contrast the general characteristics, life cycles, evolution and systematics of eukaryotic organisms. *Describe the detailed biology of higher plants. *Describe the detailed biology of animals. *Explain how interacting environmental factors (physical, chemical and biological) determine the distribution and abundance of living things.

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

GenEd: Develop the ability to perceive how people interact with their cultural and natural environments, through their own worldview and through the worldviews of others, in order to analyze how individuals and groups function in local and global contexts.

GenEd: Make judgments, solve problems, and reach decisions using analytical, critical, and creative thinking skills.

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

WCC Action Outcomes: 4.1, 4.5, 4.6, 4.8

24. Describe the staff that will be needed

No additional resources needed as this class is normally included in the instructor's regular workload.

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
ASCBioRes CertBioTech CertMOP

29. Connection to the AA degree
AADB

30. Maximum Credits Towards an AA Degree
3

31. List any similar classes taught at outside of the UH system
*UHM BIOL 172 Introduction to Biology II *UHH BIOL 176 Introductory Biology II
*UHWO BIOL 172 Introduction to Biology II *HawCC BIOL 172 Introduction to Biology II
*HonCC BIOL 172 Introduction to Biology II *KapCC BIOL 172 General Biology II
*LeeCC BIOL 172 Introduction to Biology II *UH Maui BIOL 172 Introductory Biology II

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.
This class is articulated with UHM's BIOL 172, UHH's 176, UHWO's BIOL 172, and UH Maui's BIOL 172.

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)?
Already accepted as DB

36. List any articulations between this course and any four-year program.
Should already be articulated (see item #33 above).
End of Proposal