Curriculum Details (current date: October 25, 2013)

Proposed By

Proposed by: ingelia

Course Record ID

802

Entry Type

Modify (draft)

Date Created

October 25, 2013

Notes and Special Changes

AG 152 satisfies DB

Stakeholders Consulted

The change was suggested by Patti Chong. It has been consulted with Brian Richardson and Kathleen via e-mail and notified the Natural Science Department Chair

1. Justification

AG 152 satisfies Diversification DB. This course is one of the required courses to fulfill CA Agripharmatech

2. Course Alpha

AG

3. Course Number

152

4. Course Title (long)
Orchid Culture

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

An extensive study of orchid identification, breeding, growth, and culture. Students are required to write a 10 to 15 page research report.

9. Course Pre-Requisites

10. Course Co-Requisites

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 orchid species, hybrids and trace their pedigrees.
- Provide cultural requirements for each genus, including temperature, light intensity, humidity, watering, fertilizing, media composition, and pest or disease control and repotting.
- Perform traditional and in vitro propagation techniques.
- Perform orchid breeding and discuss its economic importance.
- Conduct research and submit research paper.

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
   CertAgrapharm CertAgTech CertLandscape

29. Connection to the AA degree

30. Maximum Credits Towards an AA Degree
   3

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)?

At least 2/3 of the course meets all DB Hallmarks. Hallmark #1: Uses the terminology of the biological sciences (SLO #1: identify orchid species, hybrids and trace their pedigrees; SLO #3: perform traditional and in vitro propagation techniques; SLO #4: perform orchid breeding). Hallmark #2: Involves knowledge and theories relating to processes in the biological sciences (SLO #1, #3, #4, SLO #2: provide cultural requirements for each genus, environmental growth factors, pest/disease control), and Hallmark #3: Demonstrates inquiry that is guided by observation/experiment and reasoning /mathematics (SLO #5: conduct research and submit research paper)

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

End of Proposal