Curriculum Details

Proposed By

Proposed by: krupp

Course Record ID

782

Entry Type

Modify (draft)

Date Created

March 18, 2013

Notes and Special Changes

Stakeholders Consulted

Natural Science Department

1. Justification

Removing pre-requisites for this introductory freshmen-level class. Making it consistent with other 100-level natural science classes for non-science majors (e.g., AG 120, AQUA 106, ASTR 110, BIOL 124, CHEM 100, GG 101, etc. - these classes do not list pre-requisites).

2. Course Alpha

BIOL

3. Course Number

100

4. Course Title (long)
Human Biology

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
Introduction to structure and functions of cells, tissues, organs, and systems of the human body. Topics related to physical fitness, nutrition, health, and disease. Not intended for science majors. Students who have received credit for or are currently enrolled in ZOOL 101 may not receive credit for BIOL 100.

9. Course Pre-Requisites
none

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

At least 10 quizzes, one midterm examination and one final examination.

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?

- Explain the process and philosophical basis of scientific inquiry.
- Distinguish between living things and inanimate objects.
- Describe the chemical architecture of living things and the functions of the major groups of biological molecules.
- Describe the parts, their structure and functions, of cells, diversity of cell types, cell metabolism, cell communication, and cell division processes (mitosis and meiosis).
- Solve problems in Mendelian genetics.
- Describe the processes whereby genes are expressed as the characteristics of the whole organism.
- Explain the role of nutrition and fitness in human health.
- Describe the hierarchical architecture of the human body and how the organism achieves this organization (human development).
- Describe the anatomy and physiology of the systems that make up the human body, including skeletal, integumentary, muscular, circulatory, digestive, respiratory, excretory, nervous, endocrine, immune, and reproductive systems.
- Discuss current concepts regarding human evolution, its mechanisms and history.
- Describe the interrelationships between humans and their environments.

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.

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

AADB

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)?

Natural Sciences - Biological Sciences (DB)

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

End of Proposal