



**WAYLAND BAPTIST UNIVERSITY
HAWAII CAMPUS
SCHOOL OF MATHEMATICS & SCIENCES**

MISSION:

Wayland Baptist University exists to educate students in an academically challenging, learning-focused and distinctively Christian environment for professional success and service to God and humankind.

COURSE TITLE AND NUMBER:

BIOL 1300/1400; Life Science

Term: Spring 1 2025 1/13-3/8/25

NAME OF INSTRUCTOR: Anna I Jackson, Esq., M.S.

OFFICE PHONE NUMBER AND WBU EMAIL ADDRESS: (808) 392-2662
anna.fernandez@wayland.wbu.edu

OFFICE HOURS, BUILDING AND LOCATION: To be arranged with instructor

CLASS MEETING TIME AND LOCATION: Kaneohe Bay at 5:30 p.m.

CATALOG DESCRIPTION:

A general course for non-science majors or minors; employs the scientific method to discover how living things are: organized, acquire materials and energy, respond to their environment, reproduce & develop, and adapt to their environment; attention given to bio-ethical issues in contemporary biology. Lecture three hours; laboratory three hours. \$90 fee.

PREREQUISITE:

None

REQUIRED TEXTBOOK AND/OR RESOURCE MATERIALS Text: Concepts of Biology, by Open Stax
-9781938168116

COURSE OUTCOME COMPETENCIES:

Students will be able to:

1. Explain how living organisms metabolize and self-perpetuate.
2. Explain cell structure and function.

3. Explain basic similarities and differences between plants and animals in terms of morphology and physiology.
4. Explain the ecosystem concept in terms of homeostasis and the effect of perturbations on ecosystems.
5. Describe the basic classification of living organisms.

ATTENDANCE REQUIREMENTS:

An absence will be recorded when a student fails to return after an allowed break time during the process of an extended session class (i.e., lab-lecture combos). Students missing more than 25% of the classes may be dropped from the course. No make-up exams will be given, unless arrangements are made in advance of foreseen absences, emergencies excepted.

WBU-Hawaii campus addendum: All Wayland students are expected to attend every class meeting; the minimum percentage of class participation required to avoid

(o)2 7 receiving a grade of "F" in the class is 75%. Students who miss the first (b)2 class (i32 2s)1 ((-0.00

cited page is required. Grading breakdown will be presented and discussed with students on day 1 of this course. This paper will be worth 100 points.

- D. Quizzes/final exam. The final exam will be worth 200 points and is comprehensive. Questions will be essay format.
- E. A electronic laboratory notebook will be required. Each laboratory assignment will be presented to the students and will require that students visit local parks, beaches, and botanical gardens.

COURSE EVALUATION:

University Grading System:

A = 90 - 100

B = 80 - 89

C = 70 - 79

D = 60 - 69

F = Below 60

I = Incomplete +

W = Withdrawal

A grade of incomplete is changed if the deficiency is made up by midterm of the next regular semester, otherwise, it becomes "F". This grade is given only if circumstances beyond the student's control prevented completion of work during the semester enrolled and attendance requirements have been met.

Students shall have protection through orderly procedures against prejudices or capricious academic evaluation. A student who believes that he or she has not been held to realistic academic standards, just evaluation procedures, or appropriate grading, may appeal the final grade given in the course by using the student grade appeal process described in the Academic Catalog. Appeals may not be made for advanced placement examinations or course bypass examinations. Appeals are limited to the final course grade, which may be upheld, raised, or lowered at any stage of the appeal process. Any recommendation to lower a course grade must be submitted through the Executive Vice President/Provost to the Faculty Assembly Grade Appeals Committee for review and approval. The Faculty Assembly Grade Appeals Committee may instruct that the course grade be upheld, raised, or lowered to a more proper evaluation.

TENTATIVE SCHEDULE (COURSE OUTLINE):

Week #/ Date Assigned reading Assignment due/quiz

Week 1

Chapter 1-3

Hybrid 1: posted to discussion board

Week 2

Chapter 4-7

Hybrid 2: posted to discussion board
Class Discussion

Week 3
Chapter 8-12
Hybrid 3: posted to discussion board
Class Discussion

Week 4
Chapter 13-16
Hybrid 4: posted to discussion board
Class Discussion

Week 5
Chapter 17-18
Hybrid 5: posted to discussion board
Class Discussion

Week 6
Chapter 19-21
Hybrid 6: posted to discussion board
Class Discussion

Week 7
Review

Week 8
Final Exam and term papers due

5. **Resources** are quoted and cited correctly, exhibiting quality and breadth. Plagiarism is unacceptable. See Plagiarism Statement in WBU Academic Catalog.