

ZOOLOGY 200 SYLLABUS
MARINE BIOLOGY
Spring 2006
SECTION 34467

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Required:

Text: Marine Biology, 6th edition, by Peter Castro and Michael Huber, 2007.

Course Objectives: Zoology 200 is a two-credit lecture course serving as an introduction to marine biology. It is intended to be a comprehensive overview of the marine life in Hawaii and around the world inclusive of taxonomy (classification of organisms), body structure and function, geographical distribution, and ecological relationships. The physical and chemical natures of the varied marine environments are characterized and the inevitable human interactions and impact are examined.

Zoology 200 is a core course in the Arts and Sciences curriculum. It satisfies the natural science requirement for KCC (DB) and UH Mānoa; and transfers as natural science credit to UH Mānoa. The purpose of this course offering is to provide a fundamental knowledge about marine life to students interested in Hawai'i's ocean environment. The lecture content is purposefully interwoven with the activities of the Zoology 200L lab, which is a corequisite.

Course Competencies: Upon successful completion of Zoology 200, the student should be able to:

- Demonstrate an understanding of the physical and chemical characteristics of the marine environment and how they impact marine life.
- Communicate knowledge of the diversity of marine organisms and what role these differences play in their survival.
- Exhibit an appreciation of the interaction between structure and function of marine life and how marine organisms are taxonomically related.
- Illustrate and provide examples of the ecological role of and relationships between marine organisms.
- Develop the interest in and underlying knowledge about the affects of human activities that alter the marine environment and how they impact marine life.
- As an individual citizen, should be able to locate and comprehend resources of information that aid in making informal decisions on marine-related issues.
- Express a fundamental knowledge of the basic approaches to scientific problem solving.

Instruction: Classroom instruction consists of lecture presentations supplemented with text and graphics, classroom discussion including current events, and other activities. The lectures follow the text closely, to make learning as efficient as possible. Students are encouraged to ask questions and/or interject related personal experiences at any time during the lecture. Examples related to marine life in Hawai'i are incorporated to help bridge the generalized content in the text with Hawai'i's special marine environment. Work outside the classroom includes individual reading of assigned text, and Internet access to appropriate sites. Students are responsible for information presented in lecture and in the text. In addition, brief classroom presentations and a written paper based on library and Internet research are required.

Classes will begin on time as closely as possible. Come to class on time; if you are late, enter quietly and sit by the door. In consideration of the instructor and other students in class, set your cellular phone to vibrate only or leave them at home. Audio taping of lectures is permissible for personal use only.

Grading: This course may only be taken for a grade. Student grades are dependent on quizzes (10%), the three (3) mid-term exams (40%), a final exam (20%), a research pager (20%), and a subjective measure of

class presentations and participation (10%). Quizzes may be given at any time during class to assess the student level of understanding of current text and lecture material. In addition, the quizzes will serve to reward prompt attendance of lectures. The mid-term exams are distributed throughout the duration of the semester and are limited to segments of class content. Each mid-term exam will have 30-45 questions. Makeup exams will only be arranged in the case of a documented illness or emergency. The final exam will include questions from the few remaining chapters covered after the last mid-term exam, as well as comprehensive questions over all previous chapters. The final exam is mandatory and is given during the finals week at the established time. Questions on the exams will be primarily multiple choice and true/false along with one or two selected essay questions that will be available prior to the exam. The instructor will retain all exams. A written paper, requiring library and internet information research is required. Individual contributions to class discussion are evaluated by the instructor.

Extended time for exams in a distraction-free environment is an appropriate accommodation for students with certain disabilities. If you do have a disability and have not voluntarily disclosed the nature of your disability and the support you need, you are invited to contact the Special Student Services Office, 734-9552, Ilima 105.

Exam and cumulative scores will be posted after each exam during the semester. If there are any discrepancies in the posted scores on an exam, you must notify the instructor before the next exam. Tentative grades associated with these scores are **only** to give a rough estimate as to relative class standing, and should not be used to determine the final grade for the class. No dictionaries (except foreign language dictionaries) or audio play devices are allowed during exams. Talking, copying or looking at the textbook or notes are not allowed while students are taking an exam. Cheating may result in an "F" grade for the exam or for the course. These conditions are subject to change.

At the end of the semester the total of all points will be added together. Grades (A through F) will be based on a curve, with the following ceilings:

90-100%=A
80-89%=B
70-79%=C
60-69%=D
<60%=F

You will be assured of an "A" grade if you earn at least 90% of the total number of points. The cutoff percentages for each grade will never be set higher, though they may be set lower if the class scores warrant.

Department Erase, Withdrawal, and Incomplete Policy:

Erase: You must complete the request for this type of withdrawal by the end of the day, **1/27/06 in person or 1/29/06 online**. The instructor's signature is not required on the Change of Registration form in order to erase the course. The class will not appear on the student's permanent academic record.

Withdrawal ("W" grade): You must have the appropriate paperwork turned in by **3/17/06** (the last date to withdraw). Withdrawals require the signature of the instructor or the department chair. A "W" grade will appear on the student's permanent academic record. The "W" grade is not computed in the student's grade point average. Withdrawals will be permitted after 3/17/06 only in cases of unusual or extenuating circumstances beyond the student's control. These withdrawals require the consent of the Dean of Student Services. Grade related excuses are unacceptable. Examples of unusual or extenuating circumstances are: 1) a certified medical reason, or 2) a death in the immediate family.

Incomplete ("I" grade): Students must present the "Request for Incomplete" form prior to the last day of instruction. Incompletes require the signature of the instructor. "I" grades will be given only to students who are achieving satisfactory passing grades ("C" or better) and are very close to completing the course. In addition, the student must have a very good reason for not being able to complete all the work on time. As above, examples of unusual or extenuating circumstances are: 1) a certified medical reason, or 2) a death in the immediate family.

Campus Attendance Policy:

Students are expected to attend all classes for which they are registered. If a student is unable to attend class, he or she should contact the instructor in advance to give notification of the absence and make necessary arrangements.

For those students who receive financial aid and fail to attend the first week of classes without making

arrangements with the instructor, the instructor will submit the student's name to the Financial Aid Office. The student will be denied financial aid for the class he/she is not attending.

It is solely the student's responsibility to withdraw from the class or attend the class and pay the tuition. Students who have ceased to attend class and do not officially withdraw from class will receive the grade of "F".

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