

Biology 3003-Marine Biology

Summer, 2007

HSS 3.04.20

Instructor: Dr. Jyotsna Sharma

Mon-Fri 9:15a.m.-10:45a.m.

Office: SB 4.02.58

Office Hours: Mon-Fri 10:45-11:30a.m. or by appointment

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Prerequisites: Biology 1203, 1223, 1212 or permission of instructor

Textbook: Karleskint, G., R. Turner and J.W. Small, Jr., *Introduction to Marine Biology*.

Thomson Brooks/Cole 2006

This course is an introduction to the study of marine biology with emphasis on the physico-chemical and biological factors that determine biodiversity and distribution of marine organisms.

Course Outline

<u>Date</u>	<u>Topic/Readings</u>
June 4	Introduction-Ch. 1; ch 3
5	Ch. 3; Properties of water Ch. 4
6	Ecological Concepts Ch. 2
7	First Exam; Ch 5
8	Evolution-Ch. 5;
11	Microbes-Ch. 6
12	Primary Production-Ch. 7
13	Invertebrates I-Ch 8; Ch 9
14	Fish-Ch 10
15	Second Exam; Reptiles and birds-Ch. 11
18	Marine mammals-Ch. 12:
19	Intertidal communities-Ch. 13:
20	Estuaries-Ch 14
21	Coral Reefs-Ch. 15;
22	Third Exam;
25	Continental Shelf-Ch. 16;
26	Continental Shelf-Ch. 16;
27	The Open Sea-Ch. 17
28	cont'd
29	Deep Sea-Ch. 18
July 2	Marine Resources-Ch. 19
3	Pollution Ch. 20;
4	Independence Day
5	Pollution Ch. 20;
6	Fourth Exam
10	Final Exam 8:00a.m.-10:00a.m.

The above outline is subject to change. Students are responsible for all supplementary readings and audiovisual material presented during class.

Group Presentations: topics chosen in class

Your group presentation grade will be determined by

1. your individual presentation of about 5 minutes (15pts)
2. a 2-3 page summary (typed, double-spaced, maximum size 12 font) of your individual presentation that must have at least one scholarly/peer-reviewed journal as a reference. (30 pts)

Due: July 5, 2007 (10% deducted for each late day)

3. group coordination (5pts)

Grading: All exams will be multiple choice, true-false type questions. You must bring an unwrinkled, ParSCORE form to all exams.

First Midterm Exam:	100pts.
Second Midterm Exam:	100pts.
Third Midterm Exam:	100pts.
Fourth Midterm Exam	100pts
Class Presentation/report	<u>50pts</u>
Total	450 pts.

Your grade for the course will be based on a percentage of the total points possible for the course (i.e., 400 points):

A: 90 – 100% (405-450 points)
B: 80-89 % (360-404 points)
C: 70-79% (315-359 points)
D: 60-69% (270-314 points)
F: <60% (<269 points)

Each exam and/or the final grade may be subject to a curve at the discretion of the instructor(s). All exam scores will be posted on WebCT.

Final Exam is optional and may be taken to replace a missed exam or a low midterm exam grade. It will be comprehensive and include short answer/essay questions.

WebCT may be accessed at: <http://www.utsa.edu>; The UTSA home page for students also has access to this site and instructions on how to access this course.

Academic Dishonesty: (includes using notes during exam and looking at someone else's exam or letting someone else look at your exam). You will not be allowed to begin an exam after someone has left the room, so please be on time. Also, you will not be allowed to leave the room for any reason while taking the exam. You should be familiar with the universities honor code. Cell phones and electronic devices including CD and MP3 players will not be allowed on your desks when an exam is in progress. Please bring your university ID to class for verification during exams.

Make-up Exams will be *not* be given under any circumstances. Instead, the fourth exam may be counted twice for one missed exam if a validated excuse (e.g. doctors certificate) is presented within 24 hours of the missed exam

Attendance is not required but you will be responsible for any announcements concerning exams, assignments and assigned readings.

You are expected to assist in maintaining a classroom environment that is conducive to learning. To assure that all students have the opportunity to gain from time spent in class, please do not engage in any form of distraction. Inappropriate behavior in the classroom will result, minimally, in a request to leave the classroom. Please turn off volume on pagers, beepers, and cell phones during lectures.

You are responsible for maintaining good study habits and monitoring your grades on the exams. Please ask me for assistance from the first day if you find the material difficult to study and understand. There are specific methods that may be used to understand and remember concepts and facts that are covered in class. The first two midterms should give you an indication of your progress in the course. Please contact the Learning Assistance Center for tutoring or arrange to see me.