

Biology 3003-Marine Biology

Fall, 2007

Instructor: Dr. Jyotsna Sharma

Tu-Th 11:00a.m.-12:15p.m.

Office: BSE 1.652

Office Hours: Mon-Th 10:00-10:45a.m.or by appointment

Phone: 458-5928 (call outside the 210 area code will not be returned)

e-mail: JSharma@UTSA.edu (Please include course no. in subject of message)

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>
Aug. 23-28	Introduction-Ch. 1; Ch 3
30	Properties of water Ch. 4
Sept. 4-6	Ecological Concepts Ch. 2
11	First Exam
13	Evolution-Ch. 5
18	Microbes-Ch. 6
20-25	Primary Production-Ch. 7
27	Second Exam
Oct 2	Invertebrates -Ch 8 Ch 9
4	Fish-Ch 10
9	Reptiles and birds-Ch. 11
11	Marine mammals-Ch. 12
16	Third Exam
18	Intertidal communities-Ch. 13
23	cont'd (<i>Last day to drop a class and receive an automatic 'W'</i>)
25	Estuaries-Ch 14
30	Coral Reefs-Ch. 15
Nov 1	Continental Shelf-Ch. 16
6	Fourth Exam
8-13	The Open Sea-Ch. 17
15	Deep Sea-Ch. 18
20	Marine Resources-Ch. 19
22	<i>Thanksgiving Holiday</i>
27-29	Pollution Ch. 20
Dec 11	Final Exam (Tuesday, 10:30a.m.-12:30 p.m.)

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

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.

Group Presentations: topics chosen in class; details 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.* (40 pts)
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:	80pts.
Second Midterm Exam:	80pts.
Third Midterm Exam:	80pts.
Fourth Midterm Exam	80pts
Final Exam	100pts
Class Presentation/report	<u>60pts</u>
Total	400 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% (360-400 points)
- B: 80-89 % (320-359 points)
- C: 70-79% (280-319 points)
- D: 60-69% (240-279 points)
- F: <60% (<239 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.

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. You may miss one exam with a validated excuse (e.g. doctors certificate) is presented within 24 hours of the missed exam as the lowest midterm exam grade will be dropped; the missed exam will be considered as lowest grade.

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.