

**Ocean Sciences 80A - Life in the Sea
Winter 2008**

Instructor: Dr. Allison J. Gong

DATE	LECTURE TOPIC	READING	LAB
9 Jan	Introduction; history of oceanography	Chapter 1	No lab this week
11 Jan	Geology	Chapter 2	
14 Jan	Water as a habitat	Chapter 3	**Intro; library assignment
16 Jan	Motion in the ocean	Chapter 3	
18 Jan	Fundamentals of biology	Chapter 4	
21 Jan	HOLIDAY		**Water density
23 Jan	Marine microbes	Chapter 5	
25 Jan	Seaweeds and marine plants	Chapter 6	
28 Jan	Invertebrates I	Chapter 7	**Seaweeds
30 Jan	Invertebrates II	Chapter 7	
1 Feb	Invertebrates III	Chapter 7	
4 Feb	One fish, two fish, red fish, blue fish	Chapter 8	**Invertebrates
6 Feb	EXAM 1		
8 Feb	Marine reptiles	Chapter 9	
11 Feb	Mammals I	Chapter 9	**Fish Sat/Sun optional field trip to Natural Bridges
13 Feb	Mammals II	Chapter 9	
15 Feb	Seabirds	Chapter 9	
18 Feb	HOLIDAY		**Mammals
20 Feb	Predatory birds -- <i>Glenn Stewart</i>		
22 Feb	Introduction to marine ecology	Chapter 10	
25 Feb	Rocky intertidal	Chapter 11	**SMDC (Long Marine Lab)
27 Feb	EXAM 2		
29 Feb	Kelp forests	Chapter 13	
3 Mar	Pelagic systems	Chapter 15	**Plankton
5 Mar	The deep sea	Chapter 16	
7 Mar	Soft bottom communities	Chapters 11, 12	
10 Mar	Estuaries	Chapter 12	**Student presentations Fri/Sat optional field trip to Monterey Bay Aquarium
12 Mar	Coral reefs	Chapter 14	
14 Mar	Polar seas	Class video	
17 Mar	Conservation of the sea	Chapter 18	
18 Mar	FINAL EXAM 7:30-10:30 p.m. NO EXCEPTIONS!		

Readings are from: Castro and Huber, 2007. Marine Biology, 7th edition. If you are borrowing or using a textbook used in previous quarters, chapter numbers may be different. YOU are still responsible for reading the appropriate chapters from whichever text you are using.