

Introduction to Chemical Oceanography

AOS105/EEB139 Fall quarter 2006

Prof. Holger Brix

OUTLINE

Classes will meet in MS7124 from 11:00 to 11:50AM on MWF.

Discussion sections are scheduled for M 4 to 4:50PM and TBD in MS7101.

The course is based on a textbook by Profs. J.L. Sarmiento and N. Gruber (Princeton University Press). A reduced version of this textbook can be ordered and is available on the web: http://quercus.igpp.ucla.edu/~brix/teaching/teaching_aos105.html.

Prof. Brix can be reached at (310) 825 4526 or by e-mail: hbrix@igpp.ucla.edu.

His office is in 5845 Slichter Hall. Office hours are T from 1:30 to 2:30PM or by appointment in 5853 Slichter Hall.

Clare Wong (clare@atmos.ucla.edu) is the TA for this class.

Week	Topic	Class
1	Course Overview, Introduction	F 9/29
2	Basic Theory I and II Ocean Circulation I	MW 10/2 – 10/4 F 10/6
3	Ocean Circulation II – III	MW 10/9 – 10/11
4	Ocean Circulation IV – V Solubility and Gas Exchange I	MW 10/16 – 10/18 F 10/20
5	Gas Exchange II – III Production I	MW 10/23 – 10/25 F 10/27
6	Production II – III Review	MW 10/30 – 11/1 F 11/3
7	Midterm Production IV	M 11/6 W 11/8
8	Production V Remineralization I – II	M 11/13 WF 11/15 – 11/17
9	Remineralization III - IV	MW 11/20 – 11/22
10	Carbon Cycling I – III	MWF 11/27 – 12/1
11	Carbon Cycling IV Carbon and Climate Review	M 12/4 W 12/6 F 12/8
12	Final examination (3PM – 6PM)	W 12/13