

**SIO 275 A Lecture Schedule, Winter 2014**

**Reading Chapters from Bertness et al eds.  
Marine Community Ecology and Conservation and selected papers**

Day	Date	Lecture Topics	Reading
Tu	7-Jan	Sampling Strategies and Experimental Design; NSF Proposal strategies (Levin)	Hurlbert, Oksanen
Th	9-Jan	Overview and History of Benthic Ecology (Leichter)	MCEC Ch 1
Tu	14-Jan	Scale and Pattern in Space and Time, Macroecology (Leichter)	MCEC Ch 7
Th	16-Jan	Foundation Species, Behavior, Foraging (Leichter)	MCEC Ch 3
Tu	21-Jan	Disturbance, Competition and Predation (Leichter)	MCEC Ch 5
Th	23-Jan	Symbiosis and Positive interactions (Levin)	
Tu	28-Jan	Dispersal, Connectivity, Life Histories (Levin)	MCEC Ch 4
Th	30-Jan	Diversity and Ecosystem Function (Levin)	MCEC Ch 6
Tu	4-Feb	Soft Sediments (Levin) <b>MID TERM Q and A DUE</b>	MCEC Ch 10
Th	6-Feb	Kelp Forests and Temperate Habitats (Leichter)	MCEC Ch 14
Tu	11-Feb	Coral Reefs and Tropical Habitats (Leichter)	MCEC Ch 13
Th	13-Feb	Polar Habitats (Leichter)	
Tu	18-Feb	Stable Isotopes and Marine Food Webs (Levin)	
Th	20-Feb	Hydrodynamics and Biomechanics in Benthic Ecology (Leichter)	MCEC Ch 2
Tu	25-Feb	Mangrove System Ecology and Connectivity (guest lecture Octavio Aburto)	MCEC Ch 21?
Th	27-Feb	N. Gulf of CA Ecosystem-fisheries interactions (guest lecture Octavio Aburto)	MCEC Ch 23?
Tu	4-Mar	Metapopulations and Metacommunities (Levin), <b>NSF PROPOSALS DUE</b>	
Th	6-Mar	Climate and Benthos - Frontiers (Levin)	MCEC Ch 19
Tu	11-Mar	Climate and Benthos II (Levin)	
Th	13-Mar	Conservation (Levin)	MCEC Ch 20, Ch 21
Tu	18-Mar	Student Proposal Presentations and Discussion 8:00 - 11:00 am	