

Class #	Theme	Instructor	Topic	format
1		all	Introduction to syllabus, how to perform literature searches, writing, etc.	
2	Natural Impacts on Coastal Communities	Jurisa	Natural disasters: tsunamis, hurricanes, and storm surges	lecture
3		Jurisa	"	discussion
4		Fleming	Physical Oceanography and Climate	lecture
5		Fleming	"	discussion
6			El Nino Southern Oscillation	lecture
7			"	discussion
8	Ocean Productivity	Sipler	Microbial loop intro, eutrophication, HABs	lecture
9		Sipler		discussion
10		Gaas	Hypoxia/Dead Zones	lecture
11		Gaas		discussion
12		Pravatiner	Fisheries and Overfishing	lecture
13		Pravatiner		discussion
14	Climate and CO2	LaVigne	Intoduction to CO ₂ and Climate: past and present	lecture
15		Altieri	Atmospheric greenhouse gases	lecture
16		Altieri		discussion
17		LaVigne	Ocean Acidification: Impacts on coral health and other calcifiers	lecture
18		LaVigne		discussion
19		Anagnostou	Iron fertilization in the Southern Ocean	lecture
20		Anagnostou		discussion
21	Emerging Ocean Resources	Gong	Alternative energy: biofuels, wind energy, wave energy, damming	lecture
22		Gong		discussion
23		Fraser	Bioprospecting/ bioremediation	lecture
24		Fraser		discussion
25	Conclusions	Fraser	Future projections, predictions, and adaptations	discussion
26	Student presentations			
27	Student presentations			
28	Student presentations			