

Course Schedule:

DATE LECTURE TOPIC

Sept. 26	Course Overview; Introduction to Ecosystems and Fisheries Oceanography
Oct. 1	Group Presentation 1; Fundamentals of Ocean Ecology and Ecosystem Dynamics
Oct. 3	Defining Boundaries (horizontal, vertical) and Fishing Technologies
Oct. 8	Group Presentation 2; Life History and Recruitment Variability
Oct. 10	Adults, Spawning, Connectivity of Populations
Oct. 15	Group Presentation 3; Spatial Patterns in Pelagic Communities
Oct. 17	Temporal Patterns in Pelagic Communities – Decadal Change; Short EXAM I
Oct. 22	Group Presentation 4; Food Webs I – Bottom-up Linkages
Oct. 24	Food Webs II – Top-down Linkages and Cascades
Oct. 29	Group Presentation 5; Nekton Diversity in Pelagic Fisheries
Oct. 31	Deep-Sea and Benthic Fisheries
Nov. 5	Group Presentation 6; Fish Production I – Bioenergetics and Trophodynamics
Nov. 7	Fish Production II – Estimation Approaches and Global Patterns; Short EXAM II
Nov. 12	Group Presentation 7; Ecosystem Models
Nov. 14	Ecosystem Monitoring Programs – Past, Present, Future
Nov. 19	Group Presentation 8; Fisheries Regulation and Management Strategies
Nov. 21	Fishery Impacts – Protected species and by-catch
Nov. 26	Group Presentation 9; Fisheries and Climate Change; Short EXAM III
Nov. 28	No Class - Thanksgiving Holiday
Dec. 3	Group Presentation 10; Fishery Economics and Global Issues
Dec. 5	Fisheries and Seafood – Shifting Consumer Perspectives
Dec. 9	Final Exam Week – Short EXAM IV