Sept. 28  Introduction, History of Deep-Sea Biology
Oct. 3  Deep-Sea Environments, Technology and Tools
Oct. 5 Microbiology
Oct. 10 Faunal composition, depth zonation
Oct. 12 Benthic communities: size, abundance, trophic composition
Oct. 17 Biodiversity (Research Proposal Abstract Due)
Oct. 19 (QUIZ) Reproduction, life histories and connectivity/genetics
Oct. 26 Protozoa
Oct. 31. Hydrothermal vents
Nov. 2 Methane seeps (Challenger Forward Assignment Due)
Nov. 7 OMZs and Ocean Deoxygenation
Nov. 9 Canyons, Seamounts, biogenic reefs (Coral/Sponge) & Ocean Acidification
Nov. 12 Organic Falls: Whales and Wood
Nov. 14 Meso pelagic and bathypelagic ecology
Nov. 16 Benthic-pelagic coupling /Climate Change I
Nov. 18 Student Cruise I (7 AM – 10:00 PM) Arrive Mar Fac at 6 AM
Nov. 21 Advances in Deep-sea Physiology
Nov. 23 THANKSGIVING
Nov. 28. Deep Sea Fisheries VMEs and climate change
Nov. 30 (QUIZ) Hadal ecology and exploration (Dec. 5 Human exploitation and conservation Deep-sea Futures Proposals DUE)
Dec. 7 Deep-Sea Policy (SDG 14, ISA, FAO, BBNJ)
Dec. 14 8-11AM (Deep-Sea Futures Symposium = Final Exam)

Grading: Offered for a Letter Grade (default) or Satisfactory/Unsatisfactory (if not using the course to complete degree requirements)