

BIOL 301 - Class Schedule and Lecture Topics, Spring 2019

Date	Topics
Jan 8	L1: Course introduction: observations, questions, and hypotheses
Jan 10	L2: Ocean structure and circulation
Jan 15	L3: Ecological concepts
Jan 17	L4: Evolutionary concepts
Jan 22	Quiz 1 L5: Phylogenetics
Jan 24	L6: Molecular phylogenetics
Jan 29	L7: Species concepts and barcoding <i>Jan 30: last day to drop without a W</i>
Jan 31	L8: Phytoplankton diversity and production
Feb 5	Quiz 2 L9: Zooplankton ecology
Feb 7	L10: Pelagic food webs
Feb 12	L11: Reproduction in the sea
Feb 14	L11: Reproduction in the sea, continued
Feb 19	L12: Life histories
Feb 21	L13: Larval dispersal
Feb 26	Quiz 3 L14: Dispersal and genetic structure
Feb 28	L15: Fisheries management I
Mar 5	L16: Fisheries management II
Mar 7	L17: Marine reserves
Mar 12	L18: Speciation
Mar 14	Quiz 4
Mar 19	Spring break
Mar 21	Spring break <i>Mar 25: last day to drop with a W</i>
Mar 26	Kūhiō Day
Mar 28	L18: Speciation, continued
Apr 2	L19: Sexual selection
Apr 4	L20: The coral triangle: hotspot of marine biodiversity

Apr 9	L21: Introduction to benthic ecology
Apr 11	L22: Competition and predation
Apr 16	Quiz 5 L23: Keystones, disturbance, and larval supply
Apr 18	L24: Seagrass beds
Apr 23	L25: Kelp forests
Apr 25	L26: Coral biology and diversity
Apr 30	L27: Coral reef ecology
May 2	L28: Deep sea ecology
May 7 Tuesday	Final Exam 9:45 – 11:45 am (WAT 420)