

## BIOL 301 - Class Schedule and Lecture Topics, Spring 2018

<b>Date</b>	<b>Topics</b>
Jan 9	L1: Course introduction: observations, questions, and hypotheses
Jan 11	L2: Ocean structure and circulation
Jan 16	L3: Ecological concepts
Jan 18	L4: Evolutionary concepts
Jan 23	L5: Phylogenetics (will be covered on Quiz 2)
<b>Jan 25</b>	<b>Quiz 1</b> L6: Molecular phylogenetics
Jan 30	L7: Species concepts and barcoding
Feb 1	L8: Phytoplankton diversity and production
Feb 6	L9: Zooplankton ecology
Feb 8	L10: Pelagic food webs
<b>Feb 13</b>	<b>Quiz 2</b> L11: Reproduction in the sea
Feb 15	L11: Reproduction in the sea, continued
Feb 20	L12: Life histories
Feb 22	L13: Larval dispersal
<b>Feb 27</b>	<b>Quiz 3</b> L14: Dispersal and genetic structure
Mar 1	L15: Fisheries management I
Mar 6	L16: Fisheries management II
Mar 8	L17: Marine reserves
<b>Mar 13</b>	<b>Quiz 4</b> L18: Speciation
Mar 15	L18: Speciation, continued
Mar 20	L19: Sexual selection
Mar 22	L20: The coral triangle: hotspot of marine biodiversity
Mar 27	Spring break
Mar 29	Spring break
<b>Apr 3</b>	<b>Quiz 5</b>

Apr 5	L21: Introduction to benthic ecology
Apr 10	L22: Competition and predation
Apr 12	L23: Keystones, disturbance, and larval supply
<b>Apr 17</b>	<b>Quiz 6</b> L24: Seagrass beds
Apr 19	L25: Kelp forests
Apr 24	L26: Coral biology and diversity
Apr 26	L27: Coral reef ecology
May 1	L28: Deep sea ecology
<b>May 10 Thursday</b>	<b>Final Exam 9:45 – 11:45 am (BIOMD B103)</b>