

SBS22X
AP Biology II
 Spring 2019
 Mr. Sprague

Tentative Course Outline
Marking Period 1

<u>Week</u>	<u>Dates</u>	<u>Discussion Topics</u>	<u>Lab Exercises</u>	<u>Hillis Chapters</u>
1	1/29–2/1	Course Overview Natural Selection Genetic Drift Population Genetics Hardy-Weinberg Equilibrium	Population Genetics of PTC Tasting	15
2	2/4–2/8	Sexual Selection Allopatric and Sympatric Speciation Prezygotic and Postzygotic Isolating Mechanisms Phylogeny	Phylogenetics	16, 17, 19
EXAM 1 Wednesday, February 13				
3	2/11–2/15	Ecological Organization Biomes Population Dynamics Life History Theory and Survivorship Symbiotic Relationships	Life History Resource Allocation in Fruits	42, 43
4	2/25–3/1	Intraspecific and Interspecific Competition Resource Partitioning Trophic Interactions and Biomass Coevolution Biodiversity Succession	Ecology of a Square Meter	44, 45
5	3/4–3/8	Biogeochemistry Primary Productivity Conservation	Dissolved Oxygen	46
6	3/11–3/15	Homeostasis Temperature Regulation	Aquatic Net Primary Productivity	29
EXAM 2 Friday, March 15				

This schedule, including assignment and exam dates, is subject to modification by the instructor.