

Tentative Biology 1B Lecture & Lab Schedule

1	1/23	Introduction to Ecology (ch.52) Biomes		Intro to Lab, Safety, Requirements Introduction to Biomes – Biomes posters
	1/25	Population Dynamics (ch. 53)	Handout	Population Dynamics: Flour Beetles (set up experiment)
2	1/30	Community Ecology (ch. 54)	27.1-27.2	Ecology I: Terrestrial Ecology Data Collection
	2/1	Ecosystems (ch. 55)	27.3	Ecology I: Terrestrial Ecology Data Analysis
3	2/6	Energy Cycling: Trophic Levels	Handout	Nutrient Requirements of Plants (set up experiment)
	2/8	Conservation Biology (ch. 56) Intro to Watershed Ecology?	Handout	Lab Quiz I Film: <i>An Inconvenient Truth</i>
4	2/13	EXAM I	Handout	Film: <i>Salton Sea</i> and Case Study
	2/15	Friends of Sausal Creek Field Trip		Friends of Sausal Creek Field Trip
5	2/20	PRESIDENT'S DAY- no classes		
	2/22	Plant Anatomy & Growth (ch.35)	20	Plant Anatomy
6	2/27	Plant Nutrition (ch. 36-37)	21	Start Plant Growth Lab
	2/29	Plant Reproduction (ch.38)		Film: <i>Botany of Desire</i>
7	3/5	Field Trip to UCBG	17	Plant Phylogeny Field Trip (UCBG)
	3/7	Plant Hormones (ch.39)	17 21	Plant Phylogeny Lab (need laptops computers) Complete Plant Growth Lab
8	3/12	EXAM II	Handout	Lab Quiz II Film: <i>Vanishing of the Bees</i> and CCD case study
	3/14	Phylogeny & Cladistics (ch. 26)	Handout	Cladistics Exercise Finish Plant Nutrients Lab
9	3/19	Microbes I (ch. 27, 28)	Handout	Microbes: Water Testing I

	3/21	Microbes II (ch.31, 19)	Handout	Microbes: Water Testing II Dengue Fever Case Study
10	3/26	Biotechnology (ch. 20)	10	Molecular Biology: DNA Gels I
	3/28	Genomes (ch. 21)	10 Handout	DNA Gels II Ethograms & Research Project
	4/2-4/8	SPRING BREAK: NO CLASS		
11	4/9	<i>Animal Behavior: (release time)</i>	Handout	<i>Animal Behavior: Field Trip – Oakland Zoo (release time)</i>
	4/11	<i>Project Research (release time)</i>	Handout	<i>Project Research: (release time)</i>
12	4/16	Evolution I (ch.22)	Handout	Lab Quiz III Finish Population Dynamics Lab
	4/18	EXAM III		Population Genetics: Hardy – Weinberg
13	4/23	Evolution II (ch.23)	11	Salmon Activity Population Dynamics Lab Report Due
	4/25	Evolution III (24, 25)	Handout	Salmon Activity
14	4/30	Community Ecology: Field Trip	Handout	Field Trip to Wildlife Sanctuary or FOSC
	5/2	Animal Diversity (ch.32)	Handout	Salmon Activity Research Project written reports due
15	5/7	Animal Diversity (ch.33)	Handout	Salmon Activity
	5/9	Animal Diversity (ch.34)	Handout	Lab Quiz IV Salmon Activity
16	5/14	Animal Behavior I (ch.51)	Handout	Oral Reports
	5/16	Animal Behavior II	Handout	Oral Reports
	5/21	Final Exam: 12pm-2pm		