

		Lecture Title	Reading (9th edition)	Reading (8th edition)	Lab	
June	24	<i>Evolution 1</i>	Foundations of Evolutionary Biology	1.1–1.2	1.1–1.2	Intro to Biology
	25	<i>Evolution 2</i>	Explanatory Power of Evolutionary Theory	22.1–22.3	22.1–22.3	
	26	<i>Evolution 3</i>	Natural Selection & Adaptation	23.4	23.4	Descent with Modification
	27	<i>Evolution 4</i>	Phylogenetic Systematics	26.1–26.6	26.1–26.6	
	28, 29, 30					
July	1	<i>Evolution 5</i>	Genetic Basis of Evolution	14.1–14.4, 23.1–23.3	14.1–14.4, 23.1–23.3	Phylogenetic Systematics
	2	<i>Evolution 6</i>	Speciation & Adaptive Radiation	24.1–24.4	24.1–24.4	
	3	<i>Evolution 7</i>	Deep Time & The Fossil Record	25.1–25.4	25.1–25.4	<i>No Lab!</i>
	4	<i>No class!</i>				
	5, 6, 7					
	8	<i>Evolution 8</i>	Macroevolution & Evo-Devo	25.5–25.6	25.5–25.6	Population Genetics
	9	<i>Evolution 9</i>	Hominid Evolution	34.8	34.8	
	10	<i>Ecology 1</i>	Evolution of Ecological Systems	1.3	1.3	Macroevolution
	11	MIDTERM #1				
	12, 13, 14					
	15	<i>Ecology 2</i>	Species Ecology	52.4, 53.1	52.4 (1151–1154 only), 53.1	Population Ecology
16	<i>Ecology 3</i>	Population Dynamics	53.2–53.5	53.3–53.5		
17	<i>Ecology 4</i>	Interspecific Relationships	54.1	54.1	Predator / Prey Dynamics	
18	<i>Ecology 5</i>	Community Ecology	54.2–54.5	54.2–54.5		
19, 20, 21						
22	<i>Ecology 6</i>	Ecosystem Ecology	55.1–55.4	55.1–55.4	U.C. Botanical Garden	
23	<i>Ecology 7</i>	Ecology of the Biosphere	52.1–52.3	52.1–52.4		
24	<i>Ecology 8</i>	Human Ecology	53.6	53.6	Bioindicators	
25	<i>Ecology 9</i>	Ecology & The Environment	55.5	56.4		
26, 27, 28						
29	MIDTERM #2				Fungi / Algae / Bryophytes	
30	<i>Botany 1</i>	Biodiversity & The Prokaryotes	27.3–27.6	27.3–27.6		
31	<i>Botany 2</i>	Fungi	31.1–31.5	31.1–31.5	Vascular Plants	
1	<i>Botany 3</i>	Protists	28.1–28.7	28.1–28.7		
2, 3, 4						
August	5	<i>Botany 4</i>	Non-Vascular Plants	29.1–29.3	29.1–29.3	Reproduction in Flowering Plants
	6	<i>Botany 5</i>	Gymnosperms	30.1–30.2	30.1–30.2	
	7	<i>Botany 6</i>	Angiosperms	30.3–30.4, 38.1–38.2	30.3–30.4, 38.1–38.2	Anatomy of Flowering Plants
	8	<i>Botany 7</i>	Morphology: Roots, Shoots, & Leaves	35.1–35.5, 36.1–36.6	35.1–35.5, 36.1–36.6	
	9, 10, 11					
	12	<i>Botany 8</i>	Resources: Light, Water, Nutrients	37.1–37.3	37.1–37.3	<i>Botany Practical</i>
	13	<i>Botany 9</i>	Photosynthesis & Biogeochemistry			
	14	<i>No class!</i>				<i>No Lab</i>
15	MIDTERM #3					

Course: Bio 1B, U.C. Berkeley, Summer 2013. Text: Campbell's *Biology*. Professor: Alan B. Shabel