

		Lecture Title	Reading (8th edition)	Reading (7th edition)	Lab		
June	22	<i>Evolution 1</i>	Course Introduction; History of Evolutionary Thought	1-8, 12-17, 452-458	2-8, 12-19, 438-445	<i>No Lab</i>	Evolution
	23	<i>Evolution 2</i>	Darwinian Evolution	458-467	445-451		
	24	<i>Evolution 3</i>	The Genetic Basis of Evolution	262-271	251-260		
	25	<i>Evolution 4</i>	Population Genetics	271-279, 468-479	260-268, 454-462	Microevolution	
	26, 27, 28						
	29	<i>Evolution 5</i>	Natural Selection & Adaptation	479-486	462-471	Macroevolution	
	30	<i>Evolution 6</i>	Speciation	487-498, 523-525	472-480, 480-482	Evolution at the Botanical Garden	
	1	<i>Evolution 7</i>	Macroevolution & Evo-Devo	501-504, 525-531	482-488		
	2	<i>Evolution 8</i>	Phylogeny & Systematics	536-543, 547-553	491-499, 501-508		
	3, 4, 5						
6	<i>Evolution 9</i>	Deep Time & The Fossil Record	510-514, 515, 519-524	516-520, 527-528	Introduction to Cladistics		
7	<i>Evolution 10</i>	Humans & Cultural Evolution	728-733	701-707			
8	<i>No lecture today!</i>					Cladistics of the Cacti	
9	<i>Ecology 1</i>	Introduction to Ecology; Scientific Method	18-24, 1148-1159	19-26, 1080-1092			
10, 11, 12							
July	13	MIDTERM #1				Population Biology	Ecology
	14	<i>Ecology 2</i>	Ethology, and the Ecology of Individuals	1120-1121, 1131-1140	1107-1108, 1118-1128, 1200-1206		
	15	<i>Ecology 3</i>	Population Ecology I. Demography & Life History	1174-1181	1136-1142	Predator / Prey	
	16	<i>Ecology 4</i>	Population Ecology II. Growth & Regulation	1181-1197	1143-1157		
	17, 18, 19						
	20	<i>Ecology 5</i>	Interspecific Relationships	1198-1214	1159-1172	Bioindicators	
	21	<i>Ecology 6</i>	Biogeography & Macroecology	1214-1221	1173-1181		
	22	<i>Ecology 7</i>	Landscapes, Biomes, and the Global Ecosystem	1222-1236, 1159-1171	1184-1199, 1092-1097	Ecology at the Botanical Garden	
	23	<i>Ecology 8</i>	Conservation Biology & Environmental Ethics	1245-1250	1209-1215		
	24, 25, 26						
27	MIDTERM #2				<i>No Lab</i>		
28	<i>Plants 1</i>	Introduction to Plants & Fungi	514-519, 564-571, 578-597, 636-652	518-525, 538-545, 552-569, 608-623			
29	<i>Plants 2</i>	Algae & Bryophytes	600-610	573-583	Fungi / Algae / Bryophytes		
30	<i>Plants 3</i>	Ferns & Gymnosperms	610-625	584-597			
31, 1, 2							
August	3	<i>Plants 4</i>	Angiosperms I. Life Cycle	625-635, 801-807	598-607, 771-777	Reproduction in Vascular Plants	Plants & Fungi
	4	<i>Plants 5</i>	Angiosperms II. Germination & Anatomy	738-745, 808-815	712-719, 778-783		
	5	<i>Plants 6</i>	Plant Morphology I. Shoots	746-754	720-728	Reproduction in Angiosperms	
	6	<i>Plants 7</i>	Plant Morphology II. Roots	764-781	738-753		
	7, 8, 9						
	10	<i>Plants 8</i>	Plant Resources: Light, Water, & Nutrients	789-798, 835-845	756-768, 802-812	Anatomy of Flowering Plants	
	11	<i>Plants 9</i>	Plant Chemistry & Biogeochemistry	821-835, 845-847, 1236-1242	788-802, 812-815		
	12	MIDTERM #3				<i>No Lab</i>	
13, 14, 15 ...							

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