

Botany Spring 2007

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	Week	Date	Day	Chapter	Lecture Topic	Lab Exercise
first class	1	Jan-28	Mon	1(pp. 2-16), 2	Introduction to the course; Chemistry basics	Introduction to the Flowering Plant Body
		Jan-30	Wed	3	Cells	Using a Microscope & Viewing Plant Cells (on cart)
	2	Feb-4	Mon	12, 13, 14	Mitosis, Meiosis; Genetics	
		Feb-6	Wed	16, 17	Genetics; Natural selection & evolution	
	3	Feb-11	Mon	5	Tissues	Tissues
		Feb-13	Wed	6	Roots	Roots (on cart)
holiday	4	Feb-18	Mon			
		Feb-20	Wed	7	Stems	Stems
	5	Feb-25	Mon	8	Leaves	Leaves
		Feb-27	Wed		LEC EXAM 1	Field Trip: Balboa Park
	6	Mar-3	Mon	1(pp. 16 - end)	LAB EXAM 1	The Scientific Method & Experimental Design; Enzymes
		Mar-5	Wed	4	Metabolism; Cellular Respiration	Cellular Respiration
	7	Mar-10	Mon	4	Photosynthesis	Photosynthesis
		Mar-12	Wed	10	Mineral Nutrition and Transport	Transpiration
spring	8	Mar-17	Mon		spring	
break		Mar-19	Wed		break	
	9	Mar-24	Mon	10, 11	Growth responses and Regulation of Growth	Soils; Growth and Development
		Mar-26	Wed		LEC EXAM 2	LAB TEST 2
	10	Mar-31	Mon	9	Flower Structure; Pollen and Pollination	Flower Structure; Pollen and Pollination
		Apr-2	Wed	9	Fruit morphology, Seed Formation, Seed Dispersal	Fruit morphology, Seed Formation, Seed Dispersal
	11	Apr-7	Mon	15	Breeding & Propagation; Genetoc Frontiers	Field Trip - TBA
		Apr-9	Wed	26, 27	Plant Ecology	
	12	Apr-14	Mon	26, 27	Plant Ecology	Field Trip: Mission Trails Regional Park
		Apr-16	Wed		LAB EXAM 3	LECTURE EXAM 3: after lab test
	13	Apr-21	Mon	18	Systematics	Field Trip - SDNH Museum herbarium
		Apr-23	Wed	19	Bacteria and Cyanobacteria	Bacteria and Cyanobacteria
	14	Apr-28	Mon	21	A Tribute to Fungus; Lichens	A Tribute to Fungus; Lichens
		Apr-30	Wed	20	Algae lecture & Lab	Field Trip: Tourmaline Surf Park
	15	May-5	Mon	22	Nonvascular Plants (Bryophytes)	Nonvascular Plants (Bryophytes)
		May-7	Wed	23	Seedless (Lower) Vascular Plants	Seedless (Lower) Vascular Plants
	16	May-12	Mon	24	Gymnosperms	Gymnosperms
		May-14	Wed	25	Angiosperms	Angiosperms
	17	May-19	Mon	Field Trip: Quail Gardens		
last class		May-21	Wed		LAB EXAM 4	LEC EXAM 4: after lab test