

BIO 182 TENTATIVE LECTURE LAB SCHEDULE FALL 2006*
(Schedule is subject to change)

DATE	Lecture Topic	Chapter	Weekly Lab Topic
21-Aug	Introduction/ Changes in Earth's Biodiversity	24	Classification & Evolution
23-Aug	How do new species arise?	24,25	
28-Aug	Primitive Life and the Beginnings of Biological Diversity	22, 27	A Case Study in Phylogenetics
30-Aug	Primitive Life & a Great Transformation	27	
4-Sep	No School		No Lab
6-Sep	The Diversification of Eucaryotic Life (<i>Lecture Quiz 1</i>)	21,22,28	
11-Sep	Why did Sexual Reproduction Evolve?		Algae, Plants and Fungi, Oh my!
13-Sep	An Explosion of Animal Biodiversity	32,33	
18-Sep	Vertebrate Evolution and Adaptations to Life On Land	34	Animal Biodiversity
20-Sep	Plants can't move, so how did they conquer the land?	29	
25-Sep	EXAM 1		Pollination Ecology & Energetics
27-Sep	Coping with environmental challenges - Homeostasis	41	
2-Oct	Coping with environmental challenges - Homeostasis	41	Practical 1 (75 points)
4-Oct	Chemical Signaling	42	
9-Oct	Chemical Signaling	42	Plant Responses to the Environment
11-Oct	Electrical Signaling in animals	44	
16-Oct	Electrical Signaling in Animals	44	Sensory Systems
18-Oct	What is the role of gas exchange in homeostasis? (<i>Lecture Quiz 2</i>)	48	
23-Oct	What is the role of gas exchange in homeostasis?	48	Circulation & Respiration in Animals
25-Oct	What are the functions of a circulatory system?	49	
30-Oct	What are the functions of a circulatory system?	49	Development
1-Nov	EXAM 2		
6-Nov	Population Biology	54	Testing the allelopathy hypothesis
8-Nov	Population Biology		
13-Nov	How do populations interact?	54,55	Practical 2 (75 pts)
15-Nov	How do populations interact?		
20-Nov	How do populations interact?	55	<i>Ecology</i>
22-Nov	Ecological Systems	55	
27-Nov	Ecological Systems (<i>Lecture Quiz 3</i>)		What Factors Affect Community Structure?
29-Nov	Conservation Biology	57	
4-Dec	Conservation Biology		Presentations
6-Dec	Conservation Biology		
11-Dec	EXAM 3 (1:30 pm)		

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