

IB 203
COURSE SCHEDULE – 2009

Date	Topics	Chapter in text*	Lab + Homework done in lab	Homework bring to lab
I. NATURAL HISTORY				
A 25	Introduction	1	I, 2	1
27	Biomes	5		
S 1	Climate and Soils	4	II, 4	3
3	<i>Humans and Climate Change</i>	(27)		
II. POPULATION ECOLOGY AND EVOLUTION		6: 113-121		
S 8	Evolution, Adaptation; <i>Humans + Toxins</i>	(27)	III, 6	5
10	Life Histories	7		
15	Population Growth and Regulation 1	11	IV	
17	Population Growth and Regulation 2	11		
22	Population Structure + Temporal Dynamics	10+12	V	
24	<i>Human Pop. Growth + Ecological Footprint</i>	(27)		
29	EXAM 1	(26)	VI	
O 1	<i>Conservation Ecology: Single Species</i>	13: 273-279		
III. SPECIES INTERACTIONS				
6	Herbivory	14	VII	
8	Dynamics of Predation	15		
13	Competition	16	VIII, 8	7
15	Coevolution and Mutualism	17		
20	<i>Humans and Invasion Ecology</i>		IX	
IV. COMMUNITY ECOLOGY				
22	Species Abundance	18+20		
27	Species Diversity	20	X	9
29	EXAM 2			
N 3	Community Structure and Development	19	XI	10
5	Landscape Ecology + <i>Human Land Use</i>	(26)		
10	<i>Conserve Biodiversity + Restore Ecology</i>	25	XII	
V. ECOSYSTEM + GLOBAL ECOLOGY				
12	Energy in the Ecosystem	22		
17	<i>Humans and Energy Use</i>		XIII	
19	Nutrient Cycles	23		
21-29	THANKSGIVING BREAK			
D 1	Nutrient Regeneration	24	XIV	
3	<i>Humans Alter Nutrient Cycles</i>	(27)		
8	<i>Humans and Planet Earth</i>	(27)		
11	FINAL EXAM (Friday 7-10 PM)			

* Ricklefs, R.E. 2008. Economy of Nature, 6th edition.