

Ecology 2008 Topics

Week/ Module	Date	Topic	Reading	HW
1a	August 26	Introduction	Chapter 1	
1b	August 28	Computers 101	Web Pages	
2a	September 2	Heat, Light and Water	Chapter 2	
2b		Graphing		
2c	September 4	Homeostasis	Chapter 3	
3a	September 9	Global Processes & Biomes	Chapters 4 & 5	
3b		Regression		
3c	September 11	Energy Movement	Chapter 6	HW 1
4a	September 16	Nutrient Cycling	Chapters 7 & 8	
4b				
4c	September 18	Adaptation and Life History	Chapters 9 & 10	HW 2
5a	September 23	Open		
5b		t-test		
5c	September 25	Population Structure & Distribution	Chapter 13	HW 3
6a	September 30	Exponential Growth	Chapter 14	
6b				
6c	October 2	Test 1 - Weeks 1-5, HW 1-3		
7a	October 7	Modeling		
7b		ANOVA		
7c	October 9	Age-Class Growth	Chapter 14	HW 4
8a	October 14	Fall Break		
8b				
8c	October 16	Logistic Growth	Chapter 14	Bibliography
9a	October 21	Predation (visual)	Chapter 17	
9b		Image Analysis/GPS		
9c	October 23	Predation (mathematical)	Chapter 18	HW 5
10a	October 28	Competition (visual)	Chapter 19	
10b				
10c	October 30	Competition (mathematical)	Chapter 19	HW 6
11a	November 4	Mutualism	Chapter 20	
11b		Chi Square		
11c	November 6	Communities	Chapter 21	HW 7
12a	November 11	Test 2 - Weeks 1-11c, HW 1-6		
12b				
12c	November 13	Coral Reef/Rainforest		HW 8
13a	November 18	Succession	Chapter 22	
13b				
13c	November 20	Biodiversity & Extinction	Chapters 23 & 25	HW 9
14a	November 25	Open		
14b				
14c	November 27	Thanksgiving		
15a	December 2	Development & Ecology	Chapter 26	
15b				
15c	December 4	Costa Rica		HW 10

Final – Wednesday December 10, 2008 – 8:30 – 11:00 AM.