

### Tentative Lecture Schedule

Fall 2008, S. Entrekin		Raven et al. 8th edition
Week	Day	Topic
1	21-Aug	Science
		Reading assignments* Chapter 1 <b>* see Blackboard for chapter questions*</b> <a href="http://sciencenow.sciencemag.org/">http://sciencenow.sciencemag.org/</a>
2	26-Aug	Evolution
	28-Aug	Natural selection Population Genetics
		US News and World Report article on webct
3	2-Sep	Natural Selection
	4-Sep	Speciation
4	9-Sep	The role of phylogenetics & cladistics in evolution <b>Research Summary 1 due</b>
	11-Sep	Diversity of life
		Chapt 23 Parts of Chapter 24 & 25 Read Science paper on WebCt
5	16-Sep	<b>Exam 1</b>
	18-Sep	Diversity of life: classification
		Chapter 26
6	23-Sep	Prokaryotes, Protists
	25-Sep	Protists
		Chapter 28 Chapter 29
7	30-Sep	Plant diversity
	2-Oct	Gymnosperms and angiosperms
		Chapter 30
8	7-Oct	Fungi <b>Research Summary 2 due</b>
	9-Oct	Animal History and Diversity
		Chapter 31 Chapter 32
9	14-Oct	Sponge and Jellyfish/Worms and Molluscs
	16-Oct	<b>Fall Break</b>
		Chapter 33, 34

10	21-Oct Arthropods and sea stars	Chapter 34
	23-Oct Chordates and Mammals	Chapter 35
11	28-Oct <b>Exam 2</b>	
	30-Oct Plant anatomy and physiology	Chapter 36-38
12	4-Nov Plant anatomy and physiology	Chapter 36-38
	6-Nov Animal Structure	Chapter 43
13	11-Nov Animal structure and digestion	Chapter 48, 49
	13-Nov Circulation and gas exchange	
14	18-Nov Osmotic regulation <b>Research Summary 3 due</b>	Chapter 50
	20-Nov Nervous system	Chapter 44
15	25-Nov <b>Exam 3</b>	
	<b>27-Nov Thanksgiving Break</b>	
16	2-Dec Population and Community Ecology	Chpt 55 & 56
	4-Dec Ecosystems and humans in the environment <b>Research Summary 4 due</b>	Chpt 57 & Chpt 58
	8-12 Dec <b>Comprehensive Final Exam</b>	

\* Supplemental readings will be added to webct site a week or two before lectures.

I'll announce the additions during class.

Library

<http://library.uca.edu/database.asp>

Science Websites

<http://www.sciencenews.org/>

<http://sciencenow.sciencemag.org/>

Lab website

<http://faculty.uca.edu/%7Emarch/bio2/>