

ECOLOGY AND EVOLUTION (BIOL 3250

Week 1 -- Intro to Inland Coastal Plain Ecosystems. (***READ Ecol. pp. 12-17; Skim Ch. 28-31 + Appendix A for ideas***)	Hypotheses (10)
2 ½- Phylogenetic Rules and Reconstruction (also, set up Bacterial Selection experiment)	Assignment (15)
3 -- Population Genetics Computer Simulations	Assignment/Paper (15)
4 ½- No labs this week (3-5 Sept)	
5 -- Bacterial Selection	Assignment (15)
6 -¼ Ecological Transect sampling I	TBA
7 -- Human Demography	Life Table (20)
8 -- Mark-Recapture and Pop. Estimation Simulation	Report (20)
9 ½- Community Ecology Field Experiment I	
10 -½ No labs this week (Fall Break)	
Weeks 10/11:	
FIELDTRIP TO SAPELO ISLAND (Fri-Sun, either 19-21 or 26-28 October) (25)	
11 -- Community Ecology Field Experiment II	
12 ½- Analysis of Sapelo experimental data	Scientific Paper (35)
13 -- Community Ecology Field Experiment III	
14 -- Community Ecology Field Experiment IV	
15-16 -- Community Ecology Data Analysis	Scientific Paper (45)

NOTE: Thursday, Oct. 4 is the last day to withdraw from this or any course

Some Interesting and Possibly Helpful Websites:

On Evolution-- <http://thisviewoflife.org/>

Online Biology Text --

<http://www.estrellamountain.edu/faculty/farabee/biobk/BioBookEVOLI.html>

Companion site for your Evolution Text:

<http://biology.jbpub.com/evolution/>

Companion site for your Ecology Text:

http://occawlonline.pearsoned.com/bookbind/pubbooks/smith_efb/

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5. If you should have any kind of question, problem, comment, complaint, crisis, etc., involving this course, I'm the appropriate person for you to talk to.