

Syllabus Revisions for Experimental Marine Ecology as of 10/19/06

October 19, 2006

Lectures:

- AM: Pat, Larval Ecology
Reading: MCE *Ch. 6*
Announcement of Schedule Changes
- PM: Geoff, Analysis of Variance (ANOVA)
Reading: Biometry *Ch. 8-9, 13*

Lab:

- Begin measuring snails/mussels
Finish measuring snails/collect tethered mussels/mussel forensics

Homework:

- ANOVA Problem Set (6.67%) due 10/26/06.

October 26, 2006

Lectures:

- AM1: Pat, Ecology and Evolution of Consumer-prey Interactions
Reading: MCE *Ch. 5*
- AM2: Pat, Community Dynamics, Models of Succession
Reading: MCE *Ch. 4*
- PM1: Geoff, Linear Regression
Reading: Biometry *Ch. 14.1-14.7*
- PM2: Geoff, How to Write a Scientific Paper

Lab:

- Finish measuring mussels
Community Sampling (Pat)

Homework:

- Linear Regression Problem Set (6.67%) due 11/2/06
Finish measuring mussels (all data due 11/1/06 @ 1pm).

November 2, 2006

****Midterm Exam (15%)**** (morning)

Lecture:

- PM: Geoff, ANCOVA, Nesting, Initial Analysis of Class Data
Reading: Biometry *Ch. 14.8-14.10*

Homework:

- ANCOVA Problem Set (6.67%) due 11/9/06

November 9, 2006

Lectures:

- AM: Pat, Rocky Intertidal Communities
Reading: MCE *Ch. 9*
- PM: Catherine, Post-hoc tests, Final Analyses and Graphing of Class Data

November 16, 2006

Lectures:

AM1: Pat, Salt Marsh Communities

AM2: Pat, Seagrass and Soft-sediment Communities

Reading: MCE *Ch. 10-12*

PM: Catherine (Final analyses/graphs of class data, go over peer review assignment)

Lab:

Trip to Mud Flat (LT@ 7:25am)

Homework:

Rough drafts due 11/21/06 @ 10:00am (15%).

Peer Reviews due 11/30/06 @ 8:30am (5%)

November 23, 2006

No Class, Thanksgiving Break

November 30, 2006

Lectures:

AM1: Pat, Human alteration of marine communities

AM2: Pat, Conservation and management of marine communities

Readings: *Ch. 17-19*

PM: Return Peer Reviews, begin work on final drafts and responses

December 7, 2006

AM: Return graded peer reviews and rough drafts

PM: Begin final drafts and responses

Homework:

Final drafts and responses due 12/11/06 (5%)

Presentation of Class Project 12/12 or 12/13 (5%)

December 14, 2006

AM: **Final Exam** on Ecology Lectures (30%)

Important Dates for Experimental Marine Ecology

- Thurs., Oct. 26: ANOVA homework due at beginning of class.
- Wed., Nov. 1: All experiment data (mussels and snails) to be digitally submitted by 1:00pm.
- Thurs., Nov. 2: Midterm on Ecology lectures @ 9:00am. (15%)
Linear Regression homework due at beginning of class.
- Thurs., Nov. 9: ANCOVA homework due at beginning of class.
- Tues., Nov. 21: Rough drafts are due. A digital version (that works) must be submitted by 10:00am. (Word documents ONLY *.doc). (15%) “Anonymized” papers to review will be e-mailed to you this afternoon.
- Thurs., Nov. 30: Peer reviews due at beginning of class. (5%)
- Mon., Dec. 11: Final drafts and responses to peer reviews (5%) due by 9:00am.
- Tues. or Wed.,
Dec. 12 or 13: Presentation of class project (5%)
- Thurs., Dec. 14: Final Exam @ 10:00am. (30%)

Homework problem sets are worth 20% of your final grade.
Lab assignments and class participation are worth 5%.