

BIOLOGY 208 LABORATORY SYLLABUS – SPRING 2010

Week	Topic	Lead Instructor	Lab Dates
1	“ <i>What Darwin Never Saw</i> ” in <u>Rooke 116</u> & Darwin’s Finches Evolution Simulation Model– <i>EvolutionLab</i> * < biologylab.awlonline.com > in BB 108/110	Abrahamson	Jan 25 & 27
2	“ <i>Galápagos: Islands in Time</i> ” Presentation in <u>Rooke 116</u> & Darwin’s Finches Evolution Simulation Model II – <i>EvolutionLab</i> *	Abrahamson	Feb 1 & 3
3	Cladistics – Morphological Phylogenetic Analysis*	Jordan	Feb 8 & 10
4	Cladistics – Molecular Phylogenetic Analysis – Viral Evolution & Influenza*	Jordan	Feb 15 & 17
5	“ <i>What a Way to Go: Life at the End of Empire</i> ” Video in <u>Rooke 116</u> Ecological/Environmental Debates Organization; Text Chap. 18, 23, 26, and 32	Abrahamson, Jordan	Feb 22 & 24
6	Ecological/Environmental Debates Presentations**	Abrahamson, Jordan	Mar 1 & 3
7	Sampling Theory & Forest Succession – <i>EcoSampler</i> Simulation Model*	Abrahamson	Mar 8 & 10
	Spring Break		Mar 15 & 17
8	Human Demography – Cemetery Field Trip *	Jordan	Mar 22 & 24
9	Population Growth and Competition Theory & Predator and Prey Interactions – <i>PopulationEcologyLab</i> Simulation Model* < biologylab.awlonline.com >	Abrahamson	Mar 29 & 31
10	Foraging Theory & Predator-Prey Interactions (Field Trip)*	Jordan	Apr 5 & 7
11	Landscape Patterns (Abrahamson Shamokin Mt. Property Field Trip)*	Abrahamson	Apr 12 & 14
12	Landscape Change – Restoration Planning (Montandon Wetlands Field Trip)*	Jordan	Apr 19 & 21
13	Old-Growth Forest Communities, Forest Succession, & Global Impacts (Snyder-Middleswarth/Tall Timbers Field Trip)***	Abrahamson	Apr 26 & 28

***Laboratory report required, ** Oral report required, *** Included on final examination**

BIOL 208, Spring 2009 – Lab Schedule & Instructors

	Room	Instructor	Assistant	Assistant contact
Monday	BB 108	Dr. Abrahamson	Corinne Raczek	cr024@bucknell.edu
Monday	BB 110	Dr. Jordan	Laura Grieneisen	leg010@bucknell.edu
Wednesday	BB 108	Dr. Abrahamson	Laura Grieneisen	leg010@bucknell.edu
Wednesday	BB 110	Dr. Jordan	Lindsay Hower	lah037@bucknell.edu