

Animal Behavior – ZOO4513 Class Schedule, Spring 2009 (updated 11-Feb-09)

Date	Read Ch	Topic (follows Alcock with license)	Review paper schedule
5-Jan		course intro, questions about behavior	
7-Jan	Alcock 1, Pechenik 1, 3, 11	causes of behavior: levels of analysis	
9-Jan	Alcock 2	individual & group selection, why do animals communicate?	
12-Jan	Pechenik 2, 5, 6, 8	how to research, outline, write, & format a review paper	
		<i>also last day to add/drop</i>	
14-Jan	Alcock 3	development of behavior (part 1)	
16-Jan	Pechenik 7	development of behavior (part 2)	topic
19-Jan	MLK Birthday – FIU closed		
21-Jan	Alcock 4	control of behavior: neural mechanisms & lateral inhibition	bibliography
23-Jan	No class - ALL DAY LAB field trip		
26-Jan		<i>Discussion paper 1 – Development. of Behavior</i>	start getting papers
28-Jan	Alcock 5	sensory ecology – hearing (1)	
30-Jan	Nelson & Stoddard 1998	sensory ecology – hearing (2)	
2-Feb		sound localization (1)	
4-Feb		sound localization (2)	
6-Feb	none	sensory ecology – vision	1 page hierarchical outline
9-Feb		<i>Discussion paper 2 – Sensory ecology of predators & prey</i>	
11-Feb		<i>Stoddard (2009) “Electric Signals”</i>	
13-Feb		sensory ecology of smell	
16-Feb	none	sensory ecology magnetism & global orientation	
18-Feb	none	genes & behavior	
20-Feb	Alcock 6	behavioral adaptations to survival	
23-Feb		<i>Discussion paper 3 – Control of behavior: organizing mechanisms</i>	
25-Feb	Alcock 7	adaptive responses to predators	
27-Mar	Alcock 8	real estate – choosing where to live	
2-Mar		communication (1)	full hierarchical outline
4-Mar	Alcock 9	communication (2): evolution	
6-Mar		<i>Discussion paper 4 – Origins of communication</i>	
9-Mar		communication (3)	
		<i>also last day to drop class with DR grade</i>	
11-Mar	Alcock 10 (1 st half)	evolution of reproductive behavior	
13-Mar	Alcock 10 (2 nd half)	evolution of reproductive behavior	
16-20 Mar	Spring Break – whoopee!		

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- 23-Mar [Alcock 11](#) evolution of mating systems **paper due for rewrite option**
25-Mar [Discussion paper 5](#) – *Mating systems* [Phil in Uruguay]
27-Mar [Phil in Uruguay]

30-Mar [Phil in Uruguay]
1-Apr [Phil in Uruguay]
3-Apr [Phil in Uruguay]

6-Apr [Alcock 12](#) evolution of parental care **paper due**
8-Apr [Alcock 13](#) evolution of social behavior
10-Apr social behavior (continued)

13-Apr [Alcock 14](#) human behavior
15-Apr human behavior (continued)
17-Apr [Discussion paper 6](#) – *Human behavior*

20-25 Apr **Exam Week**