

Sheet1

DATE	WEEK	DAY	TOPIC	ASSIGNMENTS DUE
01/12/09	1	M	Course Introduction	
01/14/09	1	W	Overview of topics in evolutionary ecology	
01/16/09	1	F	Population genetics I	
01/19/09	2	M	<i>MLK Day</i>	
01/21/09	2	W	Population genetics II	
01/23/09	2	F	Population genetics III	
01/26/09	3	M	<i>Independent reading</i>	
01/28/09	3	W	<i>Independent reading</i>	
01/29/09	3	F	Population genetics IV	Problem set 1
02/02/09	4	M	<i>Independent reading</i>	
02/04/09	4	W	Paper discussion	
02/06/09	4	F	Sources of genetic variation	Problem set 2
02/09/09	5	M	Heritability and breeding value	
02/11/09	5	W	Phenotypic plasticity and norms of reaction	
02/13/09	5	F	Countergradient and cogradient selection	
02/16/09	6	M	Artificial selection	
02/18/09	6	W	Selection in nature I	
02/20/09	6	F	Selection in nature II	Paper review 1
02/23/09	7	M	Paper discussion	
02/25/09	7	W	EXAM 1	
02/27/09	7	F	Rapid selection over small times scales	
03/02/09	8	M	Adaptive plasticity and climate change	
03/04/09	8	W	Character displacement and taxon cycles	
03/06/09	8	F	Adaptive radiation: background	Presentation topics
03/09/09	9	M	<i>Spring Break</i>	
03/11/09	9	W	<i>Spring Break</i>	
03/13/09	9	F	<i>Spring Break</i>	
03/16/09	10	M	Adaptive radiation: examples	
03/18/09	10	W	Spandrels and the adaptationist programme	
03/20/09	10	F	Optimality: pros and cons	
03/23/09	11	M	Population growth: exponential and logistic	
03/25/09	11	W	Structured population growth	
03/27/09	11	F	Demographic analysis	Paper review 2
03/30/09	12	M	Problem set 3	
04/01/09	12	W	Elasticities and feasible life histories	
04/03/09	12	F	Overview of classical life history theory	
04/06/09	13	M	r- and K- selection: what it is and isn't	
04/08/09	13	W	r- and K- selection revisited	
04/10/09	13	F	EXAM 2	
04/13/09	14	M	Cole's paradox: iteroparity versus semelparity	
04/15/09	14	W	Offspring size and number	
04/17/09	14	F	Allocation theory	
04/20/09	15	M	Costs of reproduction	
04/22/09	15	W	Experimental studies of life history	
04/24/09	15	F	Applied life history evolution	Paper review 3
04/27/09	16	M	Student presentation	
04/29/09	16	W	Student presentation	
05/01/09	16	F	Student presentation	
05/06/09		W	FINAL EXAM	