

## Schedule

\*topics and papers subject to change

Week	Date	Topic	Readings	Due
1	22-Jan	Introduction to Paleocology	Rull 2010, Flessa & Jackson 2005 Chapter 2	
	24-Jan	Earth history	Zachos et al. 2001	
2	29-Jan	Taphonomy	Behrensmeyer et al. 2000	
	31-Jan		Terry 2010	
3	5-Feb	Environmental controls on species	Chase & Liebold 2003 Chapter 1	
	7-Feb		Jackson & Overpeck 2000, Veloz et al. 2012	
4	12-Feb	Form and function	Eronen et al. 2010	
	14-Feb		Jernvall et al. 1996	
5	19-Feb	Body size	McMahon and Bonner 1983	
	21-Feb		Smith & Betancourt 1998	Paper topics
6	26-Feb	Population dynamics	Jackson et al. 2009	
	28-Feb		Tweiten et al. 2009	
7	5-Mar	Geographic ranges	Brown et al. 1996	
	7-Mar		Lyons 2003	
8	12-Mar	Biotic interactions + midterm review	No reading	
	14-Mar	<b>Midterm exam</b>		
9	19-Mar	Biotic interaction & food webs	Mitchell et al. 2012	Precis (grad)
	21-Mar	NO CLASS- JLB at workshop		
	26-28 Mar	<b>Spring break</b>		
10	2-Apr	Community composition	Williams & Jackson 2007	
	4-Apr		Gill et al. 2009	Draft paper
11	9-Apr	Diversity	Whittaker et al. 2001	
	11-Apr		Barnosky et al. 2005	
12	16-Apr	New frontiers: ancient DNA	de Bruyn et al. 2011	Peer reviews
	18-Apr		Brace et al. 2012	
13	23-Apr	Humans and the environment	Denevan 1992, Vale 2002	
	25-Apr		Munoz et al. 2010	
14	30-Apr	Mass Extinctions and the future of biodiversity	Barnosky et al. 2011	
	2-May		Barnosky et al. 2012, Zalasiewicz et al. 2008	Final paper
15	7-9 May	<b>Presentations</b>		
	11-May	<b>Final Exam, Classroom 127</b>		