

Day & time	Activity	Assignments Due	Readings (do before class)
Week 1 (Mar 31 - Apr 4)			
Mon 8:30 - 11	Intro		
Mon 12 - 3	Lab 1: Diversity of vertebrates		Handouts & K&Z chap 1
Wed 9 - 11:30	Lect 1: discovery and naming of historical pattern		H5 & B&M p 1-33
Thurs 9 - 11:30	Comp lab 1: Intro to MacClade		B&M pp 33-58
Thurs 1 - 3	Workshop: constructing phylogenetic trees	Sign up for lecture topics	
Week 2 (April 7 - 11)			
Mon 9 - 11	Study questions; overview of research projects	Study questions & Quiz 1	Dawkins pp 1-118
Mon 12 - 3	Lab 2: your friend, the skull		K&Z pp 65-85
Wed 9 - 11:30	Lect 2: philosophy, evidence and classification	In-class quiz (cladogram)	B&M p253-278
Thurs 9 - 11:30	Comp lab 2: Chordate synapomorphies (1 of 2)	Phylogeny homework 1	B&M pp 59-68
Thurs 1 - 3	Lect 3: speciation and species concepts		B&M p100-160
Week 3 (April 14 - 18)			
Mon 9 - 11	Study questions	Study questions & Quiz 2	Dawkins pp119-178
Mon 12 - 3	Lab 3: skulls take 2		Review last week's lab & reading
Wed 9 - 11:30	Lect 4: Three fold parallelism & embryology		B&M p342-352; Dawkins pp414-424
Thurs 9 - 11:30	Comp lab 3: Chordate synapomorphies (2 of 2)		B&M p69-99
Thurs 1 - 3	Lect 5, then: peer review of research topics	Research topics (bring 5 copies)	Review lect 4 readings
Friday		Phylogeny homework 2; also, top 3 research topics, revised	
Week 4 (April 21 - 25)			
Mon 9 - 11	Study questions; then first A&P presentation	Study questions & Quiz 3	Dawkins pp179-222
Mon 12 - 3	Lab 4: Lampreys & visceral anatomy		K&Z chapters 3, 7 & 9
Wed 9 - 11:30	Lect 6: fishes (guest lecture)	Phylogeny homework 3 (skulls)	Dawkins pp328-371; B&M pp 353-372 & 160-172
Thurs 9 - 11:30	Lect 7: tetrapods		Dawkins pp293-327
Thurs 1 - 3	Three A&P presentations		
Week 5 (April 28 - May 2)			
Mon 9 - 11	Study questions; finish with 1 student presentation	Study questions & Quiz 4	Dawkins pp223-292
Mon 12 - 3	Lab 5: shark muscles		K&Z pp 86 - 96
Wed 9 - 11:30	Lect 8: amphibians		B&M p322-328 & TBA
Thurs 9 - 11:30	Lect 9: reptiles 1 of 2		B&M p 313-321, 374-379
Thurs 1 - 3	One A&P presentation; then peer review	Annotated bibs & outlines	
Friday		Revised annotated bibs & outlines	

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Week 6 (May 5 - 9)			
Mon 9 - 11	One A&P presentation, then lab review	Revised bibs and outlines	
Mon 12 - 3	Lab 6: cat muscles (and short lab practical)	Mini-lab practical	K&Z p86-87 & 102-125
Wed 9 - 11:30	Lect 10: reptiles 2 of 2, perhaps archosaurs		B&M p 435-443, 454-464
Thurs 9 - 11:30	Lect 11: archosaurs		Review Dawkins "Rendezvous 16"
Thurs 1 - 3	Three A&P presentations		
Week 7 (May 12 - 16)			
Mon 9 - 11	Study questions; finish with 1 student presentation	Study questions & Quiz 5	Dawkins pp 424-433 (Rotifer's tale)
Mon 12 - 3	Lab 7: shark circulatory & respiratory		K&Z pp 141 - 149
Wed 9 - 11:30	Lect 12: birds (guest lecture)		B&M p333-338
Thurs 9 - 11:30	1 A&P presentation; then Bird evolution workshop		Bock 2000; Sumida & Bochu, 2000 (pdfs)
Thurs 1 - 3	Peer review of Introductions	First drafts of research papers	
Friday		Revised drafts (or section thereof)	
Week 8 (May 19 - 23)			
Mon 9 - 11	Study questions	Study questions & Quiz 6	Dawkins pp582-614 (The host's return)
Mon 12 - 3	Lab 8: cat circulatory system		K&Z pp 155 - 166
Wed 9 - 11:30	Lect 13: mammals (guest lecture)		TBA
Thurs 9 - 11:30	Lect 14: mammals		TBA
Thurs 1 - 3	Three A&P presentations		
Week 9 (May 26 - 30)			
Monday	No class (Memorial Day)		
Wed 9 - 11:30	Final discussion and review	Study questions & Uber-Quiz 7	B&M chapter 9
Wed 1 - 4	Lab 9: neuroanatomy and review		K&Z chapter 10
Thursday	Poster session	research posters & final papers	
Week 10 (June 2 - 6)			
Mon 9 - 11	No class: study for lab practical (no access to lab)		
Mon 12 - 3	Final lab practical	Final lab practical	
Wed evening	Potluck		
Thurs & Fri	Evaluation conferences (everyone will be done by Friday of week 10)		