

COMPARATIVE VERTEBRATE ANATOMY
ECOLOGY & EVOLUTIONARY BIOLOGY 350
LECTURE SCHEDULE, SPRING 2005
 Dr. Marguerite Butler

Date	Lecture	Reading from text (Liem, Bemis, Walker & Grande)
1. Jan. 13	Introduction, Systematic and Comparative Biology	Ch. 1: 1-27
2. Jan. 18	Vertebrate Origins, Diversity I. Through Amphibians	Ch. 2, 3 to pg. 84
3. Jan. 20	Vertebrate Diversity II. Amniotes to Eutherian Mammals	Ch. 3: 84-117
4. Jan. 25	Development & Embryology I.	Ch. 4: 118-146
5. Jan. 27	Development & Embryology II.	Ch. 4: 146-176
6. Feb. 1	Form & Function: Biomechanics	Ch. 5: 177-206
7. Feb. 3	Locomotion	Ch. 11: 351-394
8. Feb. 8	The Skin	Ch. 6: 208-231
9. Feb. 10	Exam I	
10. Feb. 15	Axial Skeleton	Ch. 8: 269-195
11. Feb. 17	Appendicular Skeleton	Ch. 9: 294-315
12. Feb. 22	Musculature	Ch. 10: 315-350
13. Feb. 24	Feeding I	Ch. 16: 532-556
14. Mar. 1	Feeding II	
15. Mar. 3	The Skull	Ch. 7: 232-268
16. Mar. 8	The Digestive System	Ch. 17: 557-574
17. Mar. 10	The Sense Organs	Ch. 12: 397-436
18. Mar. 15	Exam II	
19. Mar. 17	Nervous System Organization, Spinal Chord	Ch. 13: 437-472

Mar. 22 Spring Break

Mar. 24 Spring Break

20. Mar. 29 The Brain I Ch. 14: 473-503

21. Mar. 31 The Brain II

22. Apr. 5 Endocrine Integration Ch. 15: 504-429

23. Apr. 7 Respiration Ch. 18: 575-602

24. Apr. 12 Circulation Ch. 19: 603-631

25. Apr. 14 The Excretory System and Osmoregulation Ch. 20: 632-654

26. Apr. 19 Reproduction Ch. 21: 655-692

27. Apr. 21 Contemporary Topics in Functional Morphology Ch. 22: 693-703

28 Apr. 26 Review

29. May 2-6 Exam III