

Vertebrate Zoology - BIO 3108 – Lecture Schedule*

Date	Topic	Chapters
Week 1 – January 5	Introduction	All of them!
	Evolution & speciation	
Week 2 – January 12	Phylogenetic systematics	Chapter 1
	Chordate origins and diversity	Chapter 2
	• Vertebrates: “fish”	Chapter 3
Week 3 – January 19	Aquatic vs. terrestrial life	
	• Tetrapods: amphibians, synapsids	Chapter 3
Week 4 – January 26	Endothermy and ectothermy	
	• Sauropsids: “reptiles”	Chapter 3
Week 5 – February 2	Mid-term exam – Feb 2	
	Ontogeny	Chapter 4
Week 6 – February 8	Integument	Chapter 6
	.. and its derivatives (teeth!)	Ch. 6, 16
Week 7 – February 16	The cranial skeleton	Chapter 7
	The axial skeleton	Chapter 8
Week 8 – February 23	No Classes	All of them!
Week 9 – March 1	The appendicular skeleton	Chapter 9
	Muscles and electric organs	Chapter 10
Week 10 – March 8	Vertebrate flight	Chapter 11
	Sense organs – eye, ear	Chap 12, 22
Week 11– March 15	Nervous system II – The brain	Chapter. 14
	Digestive system	Ch. 16,17
Week 12 – March 22	Respiratory system	Chapter 18
	Circulatory system	Chapter 19
Week 13 – March 29	Excretory system	Chapter 20
	Immune system	
Week 14 – April 5	Reproductive system I	Chapter 21
	Reproductive system II	
	FINAL EXAM	All of them!
		(80/20)

* tentative, of course