

COMPARATIVE ANATOMY OF VERTEBRATES
Bio 2123.001 - Fall, 2007. M-W-F, 3:00-3:50 p.m. SB 2. 02.10

Instructor: Dr. Nancy Klepper

Office: SB 3.01.39P Phone: 210/458-6567
Office Hours: 1:00 – 3:00 p.m. Other hours by appointment.

Text: *Functional Anatomy of the Vertebrates*, 3rd Edition. Liem, Bemis, Walker, and Grande

Prerequisites: Biology 1113 (Bio I) and Bio 1123 (Bio II)

Objectives: The student will exhibit evidence of understanding the fundamental concepts which merge anatomy, function, and evolution of vertebrates.

Course Description: A study of the anatomical and physiological differences and similarities of vertebrates, with emphasis on relationships between form, function, and evolution. Concurrent enrollment in Bio 2132 (CAV lab) is recommended.

Attendance: This course moves quickly, covers a large amount of material, and continually builds on previous concepts. Exams will be structured from the lecture material only, which may be taken from sources in addition to the text. Therefore, attendance for all classes is strongly advised.

Grading: There will be four exams and one cumulative final examination. All exams except the final will have a variety of questions including multiple choice, charts, completion, drawings, and short-answer essays. The final exam will consist of 100 1-point multiple choice questions. Each exam, including the final, is worth 100 points. A brief paper on an assigned vertebrate will also be required (@25 points). Exams must be taken on scheduled dates unless the student makes prior arrangements to take them early or within the week following the exam. There are no make-up exams, extra credit work, or curves.

Each student will need to purchase five scantrons that have 100 questions each, 50 questions per side.

Policy on dishonesty: Violation of University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and dismissal from the University. "Scholastic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an exam for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules of Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22). These policies will be strictly enforced.

COMPARATIVE ANATOMY OF VERTEBRATES LECTURE SCHEDULE

Biology 2123. Fall, 2007. M-W-F, 3:00-3:50 p.m. SB 2.02.10

			Chapter
Aug.	W 22	Introduction to Comparative Anatomy of Vertebrates	1-2
	F 24	" " "	
	M 27	Overview of Craniates	3
	W 29	" "	
	F 31	" "	
Sept.	M 3	Labor Day Holiday; classes do not meet.	
	W 5	Overview of Craniates cont.	
	F 7	" "	
	M 10	" "	
	W 12	The Integument	6
	F 14	Exam I – Chapters 1, 2, 3	
	M 17	The Integument cont.	
	W 19	" "	
	F 21	" "	
	M 24	" "	
	W 26	The Craniate Skeleton	7
	F 28	Exam II, Chapter 6	
	Oct.	M 1	The Axial Skeleton
W 3		" "	
F 5		" "	
M 8		The Appendicular Skeleton	9
W 10		" "	
F 12		" "	
M 15		The Digestive System	16, 17
W 17		Exam III, Chapters 7, 8, 9	
F 19		The Digestive System cont.	
M 22		" "	
W 24		" "	
F 26	The Respiratory System	18	
M 29	" "		
W 31	" "		
Nov.	F 2	The Circulatory System	19
	M 5	Exam IV, Chapters 16, 17, 18	
	W 7	Circulatory System cont.	
	F 9	" "	
	M 12	The Excretory System	20
	W 14	" "	
	F 16	" "	
	M 19	The Reproductive System	21
	W 21	Vertebrate Paper due	
	F 23	Thanksgiving Holiday – Classes do not meet.	
	M 26	Reproductive System cont.	
W 28	" "		
F 30	" "		

Dec. M-T 3-4: Student Study Days – classes do not meet.

FINAL EXAM: Thursday, December 6, 1:30 – 4:00 P.M

This schedule is subject to change. All changes will be announced in class.

Note:

Sept. 7 – Census Date; last day to drop or withdraw without a grade.

Oct. 23 – Last day for sophomores and above to drop an individual course or withdraw from all classes and receive an automatic grade of "W."

Nov. 28 - Last day for sophomores and above to withdraw from all classes.