

**Syllabus for General Zoology
BIO 162 Sec. 05, Fall 2006**

Instructor: Dr. Patrick J. Lewis

Office: LDB 103

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Office Hours: M/W 12-2pm; T/TH 10-11am

Class: LDB 220

M/W/F 11-11:50am

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Course Description:

Zoology is a study of animals covering aspects of their biology, ecology, and taxonomy. Also included is an introduction to evolution and evolutionary processes that account for the diversity of animal life. This is a lecture course with the laboratory offered separately as BIO 112. This course is an introductory course for biology majors, and thus is taught as a major's level class. It will also serve as a class for non-majors that will fulfill the University's science requirement.

Course Objectives:

- The student should understand evolution and evolutionary processes.
- The student should learn the taxonomic organization of animal life.
- The student should learn the biology and ecology of selected forms of animal life.

Required Textbook: *Integrated Principles of Zoology 13th edition*, by Hickman, Roberts, Larson, I'Anson, & Eisenhour. McGraw Hill Publishers. 2006).

Required Supplies: Scantron form no. 882-E (5) and Quizstrip form no. 815-E (15)

Attendance Policy: In accordance with University policy, I expect regular and punctual attendance of each of you. While attendance will be taken, no points will be awarded or subtracted based on your attendance. Exam questions will be taken from material presented in lecture and from material in the text. Some of the lecture material might not be found in the text. The textbook, however, will help you with spelling, visualization, clarification, and review of what we do in lecture. In other words, the textbook can help you prepare for and understand topics covered in lecture, but the lecture information is crucial for complete test preparation.

Exams: There will be four exams during the semester and an optional exam during the scheduled final exam period for a total of five exams. The four regular exams will consist of 50 multiple choice questions and will be given during the designated lecture time-slot (see accompanying schedule). Each exam will be worth 100 points. The optional final exam will be a comprehensive exam of material from the entire semester and consist of 100 multiple choice questions. If you choose to take this optional test, it will replace your lowest regular exam score. If the optional test score is lower than your other exams then it will not be used in grade determination. That means that there can be no penalty for taking this exam. The optional final may not, however, be used to replace your quiz scores (see below). Lecture exams will be 50 minute exams, no extra time will be given except in the case of documented disabilities.

Quizzes: There will be 12 unannounced quizzes (i.e. pop quizzes) each worth 10 points. Quizzes will consist of five multiple-choice questions each worth 2 pts. I will drop your two lowest quiz scores. Because the quizzes are unannounced, it will be to your advantage to keep

up with your studies and reading. To encourage you to be on time, quizzes will be given at the beginning of class and will last exactly three minutes. If you are late to class you will not be given extra time. If you are more than three minutes late to class you get a zero for that quiz — **NO EXCEPTIONS.** Remember, this class starts at 11:00 a.m. By 11:03 the quizzes will be finished.

Make-Up Policy: There will be absolutely NO make-up examinations or quizzes during the semester. If you miss a regularly scheduled lecture exam, FOR ANY REASON, you will be required to take a comprehensive final at the regularly scheduled time for final exams. The final exam will replace your missed test. If you know in advance that you will miss an exam because of a religious event or because you are conducting official Sam Houston State University business, you may make arrangements to pre-take the test provided that you supply written verification for the reason you will miss the exam. Quizzes cannot be made up, but two are dropped to compensate for illness or necessary absences.

Grading: Grades will be based on total points earned (out of 500) throughout the semester. Point breakdown is as follows:

4 lecture exams @ 100 points each	=	400 points
<u>10 quizzes @ 10 points each</u>	=	<u>100 points</u>
TOTAL POINTS		500 points

Grades will be determined on a percentage basis as follows:

A = above 90%	above 450 points
B = 80-89%	449-400 points
C = 70-79%	399-350 points
D = 60-69%	349-300 points
F = below 60%	below 300 points

There will be no extra credit, no review sessions, no review sheets, and I will not post or give out my notes or slides.

Academic Dishonesty: All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

Classroom Rules of Conduct: Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Cellular telephones must be turned off before class begins. Students are prohibited from reading, sleeping, talking at inappropriate times, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive may be reported to the Dean of Students for disciplinary action in accordance with university policy.

Visitors in the Classroom: Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.

Americans with Disabilities Act: It is the policy of Sam Houston State University that no otherwise qualified disabled individual shall, solely by reason of his/her handicap, be excluded from the participation in, be denied the benefits of, or be subject to discrimination under any academic or Student Life program of activity. Disabled students may request assistance with academically related problems stemming from individual disabilities by contacting the Director of Counseling Center in the Lee Drain Annex or by calling (936) 264-1720. Students who have disabilities that may prevent them from fully demonstrating their abilities should contact the instructor as soon as possible to discuss accommodations necessary to ensure the students educational opportunity. All disclosures of disabilities will be kept strictly confidential. NOTE: no accommodation can be made until you register with the Counseling Center.

Religious Holidays: Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.

Key Dates:

- Aug. 21 Last day to process schedule changes
- Sept. 3 Labor Day Holiday
- Sept. 5 Last day to drop without a "Q" and receive 100% refund
- Oct. 10 Last day to drop Fall Semester courses without grade of F
- Nov. 21-23 Thanksgiving holidays for students and faculty begin at 9:00 p.m.
- Dec. 6 Last Class Day

Date	Topic	Chapter
Aug 20	Course Introduction	1
22	Life: Biological Principles	1
24	What is Evolution?	6
27	Evidence of Evolution	
29	Forces of Evolution	
31	Species and Speciation	
Sep 5	Animal Architecture	9
7	Classification and Phylogeny	10
10	Protozoans	11
12	Mesozoa and Parazoa	12
14	Exam I	
17	Radiate Animals	13
19	Radiate Animals	13
21	Film	14
24	Acoelomate Bilateral Animals	14
26	Pseudoceolomates	15
28	Pseudoceolomates	15
Oct 1	Mollusca	16
3	Mollusca	16
5	Segmented Worms	17
8	Segmented Worms	17
10	Exam II	
12	Arthropods	18
15	Aquatic Mandibulates	19
17	Film	20
19	Terrestrial mandibulates	20
22	Smaller Protostome Phyla	21
24	Echinodermata	22
26	Film	
29	Chordates	23
31	Fish	24
Nov 2	Fish	24
5	Amphibians	25
7	Exam III	
9	Amphibians	25
12	Reptiles	26
14	Reptiles	26
16	Birds	27
19	Birds	27
21-23	Thanksgiving	
26	Mammals	28
28	Mammals	28
30	Animal Behavior	36
Dec 3	Biosphere: Earth's major biomes	37
5	Animal Ecology	38
	Exam IV	
	Final	