

Syllabus for General Zoology, BIOL 1413 Sec. 02, Fall 2017

LDB 214, T/Th 12:30-1:50pm

Instructor: Dr. Patrick J. Lewis

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Office Hours: By appointment

Course Description:

Zoology is the study of animals. This course covers aspects of animal behavior, structure, function and evolution. All major animal groups are explored, with the most class time given to the largest groups. In addition to learning the specific characters these groups of animals exhibit, we will also examine how body form is related to function, environment and evolution. This course also includes an introduction to science in general, and to evolution and the evolutionary processes that account for the diversity of animal life. Course format is lecture and discussion, although a separate companion lab is required.

Course Objectives:

- To understand what science is and how it works.
- To understand evolution and evolutionary processes, and how evolution has led to the diversity of animal life today.
- To learn the taxonomic organization of major animal groups, and how we reconstruct the relationships between animal groups.
- To learn the basic anatomy and behaviors of selected forms of animal life.
- To recognize how animals are built and how their body plans shape their behavior.
- To understand how animal communities are organized and how our behavior impacts them.

Required Textbook: *Integrated Principles of Zoology 17th edition*, by Hickman, Roberts, Larson, l'Anson, & Eisenhour. McGraw Hill Publishers. 2014.

Required Supplies: Scantron forms no. 882-E (5). **Always have these with you, not just on exam day.**

Attendance Policy: In accordance with University policy, I expect regular and punctual attendance. While attendance will be taken, **no points will be awarded or subtracted based on your attendance.** Not attending class will have a detrimental impact on your grade, however.

Readings: It is expected that you will have read each chapter or assigned reading before class. We will discuss the chapters and I will randomly call on students to provide definitions or explain concepts from the text. I will usually provide guidance for what to focus on as you read to assist.

GRADES:

Exams: There will be **four mandatory, comprehensive, cumulative exams** during the semester. The first will be worth 50 points (11% of the final course grade), the second worth 65 (16%), the third 80 (23%), and the final worth 100 (30%). If you are late to an exam you will not be granted extra time to finish. **The exams will be roughly half scantron and half short answer/essay. The class is comprehensive in nature as are the exams.**

Lab: Please refer to the lab syllabus provided to you in your lab section's Blackboard page for any specific policies and procedures regarding lab. The lab grade will be worth 100 points over your overall course grade (25% course). Lab is not organized or controlled by the lecture instructor or TA. All questions about lab should be addressed to Dr. Lori Rose at BIO LAH@shsu.edu.

Make-Up Policy: If you miss the midterm or a quiz due to a university accepted reason and this is properly documented and approved by the Dean of Academic Affairs Office, you may retake them. **These makeups will be essay in format and will only be administered immediately following the final.**

Grading Distribution

Exam 1	11%
Exam 2	16%
Exam 3	23%
Final Exam	25%
<u>Lab</u>	<u>25%</u>
Total	100%

Grading: Lecture exam grades will be curved, such that the highest score in the class will be curved up to a 100%. The number of points required to raise the highest score in the class to 100% will then be added to the scores of all students (e.g., if the highest score on the final exam is an 85 points, every student will get 15 points added to their score). Blackboard does not weight assignments as described in the syllabus so it is not a reliable estimate of your overall course grade. I will not predict what you need to make on exams to get a particular overall course grade – you can easily do this yourself. Should an error be made in scoring exams, **I must be informed within a week of the time exam grades are posted. Corrections will not be considered after that period.**

NO EXTRA CREDIT EVER. NO LATE WORK ACCEPTED WITHOUT PRIOR AGREEMENT, FOR ANY REASON, EVER.

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 and put away before class begins or you will receive a 0 on the midterm or final, if the midterm has already taken place.** 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. See the attached form for more specifics on classroom behavior.

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.

Any student with a disability that affects his/her academic performance should contact the Office of Services for Students with Disabilities in the SHSU Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786) to request accommodations.

Drop Note:

To process a "Q" drop after the online drop closes, students must come to the Registrar's Office, Estill Building Rm. 331 between the hours of 8:00 A.M. and 5:00 P.M. No schedule changes may be made after the deadline specified in the Academic Calendar.

Tentative Schedule

	Topic	Chapter	Lab
24 Aug	Syllabus, Zoo Introduction	1	
29	Science & Origin of Life	1, 2	
31	Cells and Genetics	3, 4, 5	
5 Sept	Evolution	6	Intro
7	Evolution	6	
12	Body Plans, Adaptive Landscapes	8, 9	Evolution
14	EXAM 1 (11%)		
19	Taxonomy and Phylogeny	10	Taxonomy
21	Protists and Sponges	11, 12	
26	Radiates and Lophotrochozoans	13, 14	Phylogeny
28	Nemertea and Molluscs	15, 16	
3 Oct	Annelids and Ecdysozoans	17, 18	Protists
5	Arthropods (Chelicerates & Crustaceans)	19, 20	
10	EXAM 2 (16%)		Radiates
12	Arthropods (Hexapods)	21	
17	Echinoderms and	22	Midterm
19	Chordates	23	
24	Amphibians	24	Molluscs
26	Fish	25	
31	Reptiles	26	Arthropods
2 Nov	EXAM 3 (23%)		
7	Birds	27	Chordates
9	Mammals	28	
14	Homeostasis	30	Vertebrates
16	Behavior	36	
21	Biogeography	37	
28	Animal Ecology	38	Final Lab Exam
1 Dec	Extinction and Biodiversity	38	
	FINAL EXAM (30%)		

*Remember, exams are CUMULATIVE.

*No make-ups without a Dean's excuse.

*No late work accepted. NEVER. EVER.

Instructor copy

Please initial next to the following statements indicating you have read and understand them. **If you feel you are unable to follow these, please find another section to attend.** Understand if you do not follow these guidelines you may be dismissed from class, removed from the course all together, or referred for disciplinary action. Sign and return this document, and keep the copy for your records. **You will receive no points in the course until the form is returned.**

_____ Cell phones, personal music devices, handheld computers, laptops, audio or video recorders or any other electronic device must be **turned off and put away** before class begins **or I will receive an F on the next exam.**

_____ I will not receive any extra time to take an exam if I am late to class.

_____ There is no talking allowed in this class outside of asking the professor questions or directed group activities.

_____ There are no make-up exams **under any circumstances** unless you have an approved absence from the Dean's Office or prior approval.

_____ There is never any extra credit given under any circumstance.

_____ If you miss class for any reason, it is your responsibility to get the material from a fellow student.

_____ Emails to my professor and TA will be addressed to them, the class and section will be in the email, and I will sign the email with my full name. Otherwise I understand that my email may not receive a response.

_____ I understand that Blackboard is only to be used for course related communication. Any other use is a violation of university policy and will be reported.

_____ I have gotten the name and address of three classmates to contact if I miss information or class. Questions should first be posed to a classmate, then the TA, then the professor.

Date

Signature

Printed Name

Student Copy

_____ Cell phones, personal music devices, handheld computers, laptops, audio or video recorders or any other electronic device must be **turned off and put away** before class begins **or I will receive an F on the next exam.**

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Name and email of three classmates:

1) _____

2) _____

3) _____