

BIOL 1413 FALL 2021

General Zoology - Lecture



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Office Hours: Monday 10:30-12:00, Tuesday 1:30 – 3, Wednesday 10:30 – 12:00 and 1:30 – 3; or by appointment.

Course Information

Course Description

A consideration of the structural adaptations of animals. Laboratory will emphasize classification and comparative anatomy with the Kingdom Animalia.

Prerequisite and Co-requisite Courses

Credit for one semester of introductory biology for majors (Biology 1306/1106, 1307/1107).

Prerequisite Skills

Accessing Internet websites, using ASU Library resources, and using Blackboard.

Student Learning Outcomes

Upon completion of this course, students will be able to:

- Students will be able to recall the phylum level diversity of the Kingdom Animalia and identify typical members of the major phyla and their anatomy.
- Students will be able to correctly determine evolutionary relationships among groups based on interpretation of a phylogenetic tree.

Course Delivery

This is a face-to-face course with learning resources and supplemental materials posted in Blackboard.

Required Texts and Materials

Textbook: Hickman, C. P. Jr., S. L. Keen, D. J. Eisenhour, A. Larson, and H. l'Anson. 2018. *Integrated Principles of Zoology*. 18th edition. McGraw-Hill Companies Inc., St. Louis, MO.

Lab text: Smith, D. G. and M. P. Schenk. 2015. *Exploring Zoology: A Laboratory Guide*. 2nd edition. Morton Publishing, Englewood, CO. Only available at ASU Bookstore.

Lab terminology and Accessory Material – available on course Blackboard page.

Technology Requirements

To successfully complete this course, students need to purchase a subscription to Top Hat. When enrolling for Top Hat, please use your university e-mail address.

Communication

Faculty will respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to faculty, include the course name and section number in your subject line.

Grading

Evaluation and Grades

The course grade will be based on a combined total of 1000 possible points from the lab and lecture as follows. Exams 1, 2, and the final exam are valued at 125 points each. Exam 3 is valued at 75 points. Practicals 1, 2, and 3 are valued at 150 points each. Combined, all quizzes will total 100 points. The Comprehensive Final can also replace a lower grade on one of the first two semester lecture exams.

Assessment	Percent of Total Grade
Exam 1	12.5
Exam 2	12.5
Exam 3	7.5
Final Exam	12.5
Practical 1	15.0
Practical 2	15.0
Practical 3	15.0
Quizzes	10.0

DAILY QUIZZES

On most days a quiz will be given at the beginning of class over the previous lecture's material. There will be no makeup quizzes if you are absent or late. The lowest 3 quiz grades will be dropped.

MAKE-UP EXAMS

Make-up exams will be given only in emergency situations which preclude class attendance. Arrangements for excused make-up exams should be made prior to the scheduled date of the exam, unless it is a health emergency, in which case you should contact me by the first class following the absence. Absences from lab practicals for university sponsored events must be made up earlier or later during the same week of the exam.

Grading System

Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

- A = 90.00-100 points
- B = 80.00-89.99 points
- C = 70.00-79.99 points
- D = 60.00-69.99 points
- F = 0-59.99 points

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)¹
- [Angelo State University Catalog](#)²

Attendance

Attendance in class is expected and daily attendance records will be kept for administrative purposes. Because lectures emphasize the material covered on exams, those students that miss classes usually do worse on exams and in the course than those students who attend all classes. I consider absences in excess of 3 classes to be excessive. Attendance will be checked by using Top Hat. **NOTE: You are NOT automatically dropped if you stop attending class.**

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the university's [Statement of Academic Integrity](#).³

Accommodations for Students with Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability Services website](#).⁴ The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)⁵ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)⁶ in the Student Handbook. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#).⁷

Student Absence for Observance of Religious Holy Days

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for [Observance of Religious Holy Day](#)⁸ for more information.

Title IX at Angelo State University

The University prohibits discrimination based on sex, which includes pregnancy, sexual orientation, gender identity, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination including: sexual assault, sex-based discrimination, sexual exploitation, sexual harassment, public indecency, interpersonal violence (domestic violence and/or dating violence), and stalking. As a faculty member, I am a Responsible Employee meaning that I am obligated by law and ASU policy to report any allegations I am notified of to the Office of Title IX Compliance.

Students are encouraged to report any incidents of sexual misconduct directly to ASU's Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator at:

Michelle Miller, J.D.

Special Assistant to the President and Title IX Coordinator

Mayer Administration Building, Room 210

325-486-6357

michelle.boone@angelo.edu

You may also file a report online 24/7 at www.angelo.edu/incident-form.

If you are wishing to speak to someone about an incident in confidence you may contact the University Health Clinic and Counseling Center at 325-942-2173 or the ASU Crisis Helpline at 325-486-6345.

For more information about Title IX in general you may visit www.angelo.edu/title-ix.

Information About COVID-19

Please refer to ASU's [COVID-19 \(Coronavirus\) Updates](#)⁹ web page for current information about campus guidelines and safety standards as they relate to the COVID-19 pandemic.

Modifications to the Syllabus

This syllabus, including grade evaluation and course schedule, is subject to modification on potentially short notice based on developing circumstances.

Course Schedule – Biology 1413 – General Zoology

Week of	Lecture Topic	Text Chapter
23 AUG	Introduction, characteristics of animals	1, 9
30 AUG	Reproduction and development	7, 8
6 SEP	Basic evolutionary principles, classification	6, 10
13 SEP	Protozoans, Porifera	11, 12
20 SEP	Porifera (cont), Cnidaria and Ctenophora	12, 13
27 SEP	Cnidaria and Ctenophora (cont.),Platyhelminthes	14
	***** 30 SEP - Exam 1 *****	
4 OCT	Platyhelminthes, Acoelomorpha, and others	14, 15
11 OCT	Mollusca, Annelida	16, 17
18 OCT	Annelida (cont.), smaller ecdyzoans	17, 18
25 OCT	Trilobita, Chelicerata, Myriapoda	19
1 NOV	Crustacea, Hexapoda	20, 21
	***** 4 NOV Exam 2 *****	
8 NOV	Chaetognatha, Echinodermata, Hemichordata	22
15 NOV	Chordata, Fishes	23, 24
22 NOV	Amphibia, Reptilia	25, 26
29 NOV	Aves, Mammalia	27, 28
11 DEC	***7 DEC 10:30 a.m. Exam 3 & Final Exam ***	

¹ <https://www.angelo.edu/current-students/student-handbook/>

² <https://www.angelo.edu/academics/catalog/>

³ <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=96>

⁴ <https://www.angelo.edu/current-students/disability-services/>

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- ⁵ <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>
- ⁶ <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=96>
- ⁷ https://www.angelo.edu/current-students/writing-center/academic_honesty.php
- ⁸ <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>
- ⁹ <https://www.angelo.edu/covid-19/>