

Zoology 400.04

Mammalogy

Fall 2013

Contact Information

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Lecture Class: 11:00 – 12:15pm (T & TH) in EDUC SCI 304

Lab Class: 1:20pm-4:20pm (T) in Noland 443

REQUIRED TEXT: *Feldhammer, G. A., L. C. Drickamer, S. H. Vessey, J. F. Merritt, and C. Krajewski. 2007. Mammalogy: Adaptation, Diversity, Ecology, 3rd ed. McGraw Hill Publ., New York.*

RECOMMENDED TEXT: *Kays, R. W., and D. E. Wilson. 2002. Mammals of North America (Princeton field guides). Princeton University Press, Princeton, New Jersey. (or another field guide)*

OVERVIEW: The goal of this course is to introduce you to the biology of Mammals. We will begin lecture focusing on basic mammalian characteristics, evolution, and classification. The organization of the book is largely taxonomic and we will generally focus on a subset of information for each of the orders while working broader concepts into many of the sections. The laboratory will be hands on, focusing on identifying mammals (skins, skulls and skeletons) from around the world (we have examples of most orders) while paying extra attention to the mammals of WI. There will be a few field trips (local) where we will get out in the field. Exact dates of field trips to be announced as they are largely weather dependent, but will be towards end of the semester. We are covering a lot of material, but if you keep up and study regularly, you should do fine.

Grading scale

92-100% A	70-77.99% C
88.00-91.99% AB	60-69.99% D
82.00-87.99% B	Below 60.00% F
78-81.99% BC	

In the lecture portion of the course there will be 3 exams and a final exam. All exams will be equally weighted (i.e. 25% each). For the lab portion there will be 3 exams and some additional assignments. Lab and lecture will receive its own grade. Both will use the scale noted above.

ATTENDANCE: I do not have a formal lecture attendance policy, but if you're not in class regularly, you probably won't do well. You are responsible for the material presented in class.

THERE ARE NO LATE MAKEUP EXAMS. If you miss an exam and have a valid excuse, the comprehensive portion of your final exam will be expanded and adjusted to compensate for the missed exam. If you miss an exam and do not have a valid excuse, you will receive a zero for that exam. Travel plans, spring break plans, work, job interviews, sorority/fraternity/residence hall functions, volunteer activities, intramural sports, season athletic tickets, televised games, plays, your band having a gig, concerts, Frisbee tournaments, etc. do NOT constitute valid excuses for missing an exam. You should plan to be in Madison, Wisconsin until you complete the final exam. If you are unable to take an exam because of a valid excuse, please contact me in advance, if possible. If it is not possible to contact me in advance, you must contact me within 48 hours of

missed exam or you will receive a zero for the exam. You may be asked to provide documentation of reason for missing exam.

Students with **academic** conflicts (*a UW class taken for academic credit at the same time as the exam or another exam at the same time as the exam*) or who are traveling for a varsity athletic team will be allowed to take a midterm at an alternate time. Students with an academic conflict/varsity athletic conflict must go to the course learn@uw site, download and fill out an alternate exam request form. The completed forms are due no later than the end of lecture on Tuesday 2/5. Requests should be handed directly to me – do not email requests. Failure to turn in a request on time means you may not be able to take the alternate exam, even if you have an academic conflict.

The final exam is scheduled for Wed., May 15 (14:45-16:45). The University requires us to give the exam at this time. Students with academic conflicts (i.e., another final at that time) will be permitted to take the final exam prior to the scheduled time. See me for more details as soon as you are aware of any conflict. Only students with approved academic conflicts will be allowed to take the alternate exam. There are NO exceptions for ANY personal reasons (work, internships, vacation, weddings, family gatherings, holiday plans, graduation, wanting to get out here early for break, etc.). If you have three exams in 24 hours, you will need to change one of your final exams. Exam results will be available to you on the course web site within one week after each exam. Any issues regarding grading or scores on an exam must be presented to me no later than Friday of the week scores are posted.

Study Skills and Tutoring The Greater University Tutoring Service (GUTS; www.guts.studentorg.wisc.edu) is a volunteer organization that may be able to provide tutoring to students who desire the service. **Students With Disabilities** We wish to fully include persons with disabilities in this course. Please let me know if you have a McBurney Visa listing any accommodations in the curriculum, instruction, or assessments in this course, and she will do her best to meet those accommodations. We will attempt to maintain confidentiality of any information you share with us. Any students who require special accommodations for exams are required turn in an exam accommodation request form (see learn@uw) to me no later than Feb. 5.

TENTATIVE DAILY LECTURE SCHEDULE FOR MAMMALOLOGY: The following is what I currently have planned to cover this semester. Without question I will get ahead or behind schedule throughout the semester, but regardless of where we are regarding lecture topics, exams will be on the dates indicated (all are on Tuesdays; covered material will end on the previous Thursday unless otherwise indicated).

Week of	Topic	Feldhamer, Chapter, [Pages]
Sept 3	Introduction Classification & Systematics Biogeography	[38-45] 5
Sept 10	Mammalian Characteristics	4: [61], 6: [96-104] 4: [62-66]
Sept 17	Mammalian Origins & Classification	4: [48-61]; [214-222]
Sept 24	EXAM I (26th) Monotremes reproduction	 [208-209]

	Marsupials locomotion feeding reproduction	[222-240] [111-115] [119-21, 127-28, 132-33] [203-07, 466]
Oct 1	Eutherian Mammals The Xenarthra: Cingulata & Pilosa myrmecophagy folivory; reproduction Pholidota	[215-217] [302-309] [121] [132-134] [206] [309-311]
Oct 8	Rodentia feeding water conservation behavior Lagomorpha	[348-365] [130-132] [178-182] [436, 475-477] [365-368]
Oct 15	Dermoptera gliding Scandentia Primates feeding, locomotion conservation	[253-254] [113] [252-253] 14 [133, 136; 111-112] [531, 543]
Oct 22	EXAM II (22nd) Insectivora: Erinaceomorpha & Soricomorpha Eimer's organs Fossorial Adaptations Insectivory	12: [242-250] [122] [112-113] [121-123]
Oct 29	Chiroptera flying (volant) diet adaptations to cold reproduction	13 [113-114] [119-21, 124-26, 134-36] [157, 171-175, 454-455] [204-205, 416]
Nov 5	Carnivora feeding, locomotion adaptations to cold reproduction	16 [123-27; 110-11, 115] [172] [197, 205-206]
Nov 12	Perissodactyla feeding Locomotion conservation Artiodactyla adaptations to heat conservation, Sexual selection	[384-390] [128-130] [109-110] [523, 537] [390-402] [127-130] [186-188] 420-28
Nov 19	EXAM III (19th) Cetacea Conservation	17, [455] 536, 542-543

Nov 26	Afrotheria Afrosoricida Macroscelidea Tubulidentata	[243-245] [250-252] [311-312]
Nov 28	THANKSGIVING BREAK	
Dec 3	Proboscidea, Hyracoidea Sirenia	[370-5, 410, 537] [375-378] [378-382]
Dec 10	Community ecology Island biogeography Habitat selection	[480-86, 410, 537] [492-95] [451-54]
Dec. 17	Final Exam: 2:45-4:45pm	

Academic Honesty (from the Offices of the Dean of Students;

<http://www.wisc.edu/students/saja/index.html>) Academic honesty requires that the course work (drafts, reports, examinations, papers) a student presents to an instructor honestly and accurately indicates the student's own academic efforts.

UWS 14 is the chapter of the University of Wisconsin System Administrative code that regulates academic misconduct. UW-Madison implements the rules defined in UWS 14 through our own "Student Academic Misconduct Campus Procedures." UWS 14.03 defines academic misconduct as follows: Academic misconduct is an act in which a student: seeks to claim credit for the work or efforts of another without authorization or citation; uses unauthorized materials or fabricated data in any academic exercise; forges or falsifies academic documents or records; intentionally impedes or damages the academic work of others; engages in conduct aimed at making false representation of a student's academic performance; assists other students in any of these acts.

I take academic honesty very seriously. If you engage in academic misconduct in this course, you will be penalized with a failing grade for the course. Examples of academic misconduct include, but are not limited to, having notes out and visible during an exam, using notes during an exam, copying answers from another student during the exam, stealing an exam, using a stolen exam, misrepresenting an academic conflict (e.g. saying you have an academic conflict for an exam when you don't), not attending an exam and claiming that you did, taking a quiz for another student, collaborating on a quiz with another student.