



WILDLIFE MANAGEMENT II

AG 336 01E

SPRING 2024

Instructor: Dr. Pedro M. Chavarria
Course Location: Art Building 111
Course Hours: TR 12:30-1:45 pm
Office Location: AG/ET 154
Office Hours: By appointment, schedule by e-mail
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Preferred Form of Communication: e-mail

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook(s) Required: Krausman, P.R., and J.W. Cain III. 2013. Wildlife Management and Conservation – Contemporary Principles and Practices. The Johns Hopkins University Press, Baltimore, USA

Supplemental Materials: Presented by the instructor or on myleoonline.tamuc.edu

Course Description

This course is designed to complement Wildlife Management I. It provides an introduction to the many dimensions of wildlife and conservation science. Topics covered include Hunting and Trapping, Impacts of Weather and Climate, Nutritional Ecology, Water Impacts, Predator Prey Relationships, Animal Behavior, Habitat Management, Wildlife Restoration, and Conservation and Planning for Wildlife and Habitat.

Student Learning Outcomes

1. Demonstrate knowledge of the North American Model of Wildlife Conservation
2. Understand habitat utility and basic nutrition relevant to wildlife
3. Recognize important factors of animal behavior
4. Understand the basic concepts of conservation planning
5. Demonstrate basic knowledge of managing wildlife populations

The syllabus/schedule are subject to change.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

You must be proficient in navigating myleoonline.tamuc.edu, using Microsoft Word and PowerPoint, e-mailing your instructor, writing papers, and opening .pdf documents.

Instructional Methods

You will be required to read the book chapters, supplemental reading material, and instructional PowerPoint slides. Quizzes and exams will cover the material presented to you via myleoonline.tamuc.edu, and information in the text.

Student Responsibilities or Tips for Success in the Course

To be successful in the course, students must complete all tests and assignments on the date they are due. Thus, you, the student, are responsible for keeping track of due dates. You will also be responsible for having access to secure and reliable internet service. The successful student will arrange to complete and submit required work well before the due date to avoid connectivity issues. Always have a “plan B.”

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%; B = 80%-89%; C = 70%-79%; D = 60%-69%; F = 59% or Below

Assessments

1. Weekly online and in-class quizzes 35 pts. each = 350 pts.
2. Attendance and Participation: 100 pts
3. Wildlife Management Midterm Exams (s): 2 x 100 pts = 200 pts
4. Group research paper and presentation: 200 pts.
5. Final Exam: 150 pts.
6. Extra credit: Wildlife seminar summary: 25 pts

Attendance and Participation:

Each student is expected to attend all classes and participate in all discussions. This course meets in-person and will have some readings and materials uploaded online on the course D2L site. Your “attendance” grade will be based on in-person attendance and participation. If you do not attend (participate) in class, you cannot receive credit for attendance or participation.

Weekly Quizzes

There will be weekly online (myLeo / D2L) and in-class quizzes. These will generally consist of 1 short response (essay) question, or 5 multiple choice questions. Some quizzes will be cooperative in-class quizzes where you can help one another. Other quizzes will be “take-home” and be administered online like homework.

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Group Research Presentation:

You will work in a group of 2-4 people and select to present on a topic related to one of the chapters covered during the semester. Each team will conduct a review of 2 peer-reviewed manuscripts related to that chapter which they selected. The team will give a 20 minute presentation that summarizes each article, discusses how it is related to topics covered in the course, and provide a critique about whether they agree with the author's perspective presented in the manuscripts. The Powerpoint presentation will consist of at least 10 slides, not including the cover slide and literature cited. There will be a 10 minute question and answer session with the class to follow the presentation. More details and a detailed rubric for this assignment will be provided later in the semester.

Final Research Paper

Each student will select a peer-reviewed manuscript of their choice that is related to a chapter discussed in the class. The manuscript may be one selected previously from the group research presentations. The format of these papers will consist of a 3-page essay, 1.5 spaced. The following questions will need to be addressed in the essay: 1) Provide a brief 1-page summary about what the article discussed; 2) Provide a 2-page critique on how the article agrees or disagrees with any perspectives discussed directly from those chapters in the textbook; provide at least 2 examples drawn from the textbook and the manuscript; 3) Provide references, in proper citation format, from both the textbook and the manuscript.

Course week	Dates	Weekly agenda
Week 1		Course introduction <ol style="list-style-type: none">1. Syllabus overview2. How to prepare a Powerpoint presentation3. Readings: Chapter 9 (revisited): Hunting and Trapping
		Chapter 9: Hunting and Trapping <ol style="list-style-type: none">1. Lecture: review of topic2. Case study: Montezuma quail harvest3. Readings: Chapter 10: Impacts of weather and accidents on wildlife
Week 2		Chapter 10: Impacts of weather and accidents on wildlife <ol style="list-style-type: none">1. Lecture: Weather and wildlife2. Case study: Montezuma quail winter mortality3. Readings: Chapter 10: Impacts of weather and accidents on wildlife
		Chapter 10: Impacts of weather and accidents on wildlife <ol style="list-style-type: none">1. Lecture: Accidents and wildlife2. Case study: Airstrikes and road collisions

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		3. Readings: Chapter 11: Nutritional Ecology
Week 3		Chapter 11: Nutritional Ecology 1. Lecture: Metabolism and Energy requirements 2. Case study: Nutritional quality and ungulates 3. Readings: Chapter 11
		Chapter 11: Nutritional Ecology 1. Lecture: Food quality and body condition 2. Case study: Migratory waterfowl 3. Exam Review
Week 4		1. Group Presentation(s) #1 2. Exam Review 3. Readings: Chapter 12
		Exam #1 (Chapters 9-11)
Week 5		Chapter 12: Water and Welfare Factors 1. Lecture: Water requirements of wildlife 2. Case study: Water adaptations
		Chapter 12: Water and Welfare Factors 1. Lecture: Water requirements of wildlife 2. Case study: Habitat management for water 3. Readings: Chapter 13
Week 6		Chapter 13: Predator-Prey Relationships and Management 1. Lecture: Predator-Prey dynamics 2. Case study: Mathematical theory applied
		Chapter 13: Predator-Prey Relationships and Management 1. Lecture: Population regulation 2. Case study: Trophic cascades 3. Readings: Chapter 14
Week 7		Chapter 14: Animal Behavior 1. Lecture: How behavior is studied 2. Case study: Mating systems
		Chapter 14: Animal Behavior 1. Lecture: Dispersal 2. Case study: Social systems 3. Readings: Chapter 15
Week 8		1. Group Presentation(s) #2 2. Exam Review
		1. Group Presentation(s) #3 2. Exam Review
Spring Break		Study for Exam

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Week 9		Exam #2 (Chapters 12-14)
		Chapter 15: Habitat 1. Lecture: Habitat components and selection 2. Case study: Feral hogs 3. Readings: Chapter 16
Week 10		Chapter 15: Habitat 1. Lecture: Habitat components and selection 2. Case study: Feral hogs 3. Readings: Chapter 16
		Chapter 16: Wildlife Restoration 1. Lecture: Habitat components and selection 2. Case study: Channel Islands Readings: Chapter 17
Week 11		Chapter 16: Wildlife Restoration 1. Lecture: Habitat components and selection 2. Case study: Channel Islands Readings: Chapter 17
		Chapter 17: Climate Change and Wildlife 1. Lecture: Habitat components and selection 2. Case study: Wildfire and droughts 3. Readings: Chapter 18
Week 12		Chapter 17: Climate Change and Wildlife 1. Lecture: Habitat components and selection 2. Case study: Freezing 3. Readings: Chapter 16
		Chapter 18: Conservation Planning for Wildlife and Wildlife Habitat 4. Lecture: Types of planning 5. Case study: National wildlife refuges Readings: Chapter 16
Week 13		Chapter 18: Conservation Planning for Wildlife and Wildlife Habitat 1. Lecture: Conservation agreements 2. Case study: Environmental compliance Readings: Chapter 19
		Chapter 19: Managing Populations 1. Lecture: Increasing wildlife populations 2. Case study: Attwater's Prairie chicken
Week 14		1. Group Presentation(s) #4 2. Due: Final Research Project Report
		1. Group Presentation(s) #5
Week 15		Chapter 19: Managing Populations 1. Lecture: Increasing wildlife populations 2. Case study: Red-cockaded Woodpecker
		Chapter 19: Managing Populations 1. Lecture: Increasing wildlife populations Case study: Endangered Species
Week 16		Finals Week

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TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

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Interaction with Instructor Statement

Student Success

To be successful in my class:

- check the course daily (e-mail and Canvas) and read announcements
- read and respond to course email messages as needed; please understand that I will respond as quickly as conveniently as possible. Sometimes I will respond to messages late into the evening, but generally expect me to reply within regular business hours
- complete assignments by the due dates specified; If you have extenuating circumstances that prevent you from meeting a deadline, please let me know so I can consult with you about necessary accommodations or make-up opportunities
- communicate regularly with your instructor (office hours) and peers. I am very understanding of situations that may arise in the academic environment or in our personal lives which can create challenges to your performance. Please let me know what's going on so I can provide reasonable opportunities to help you recover and/or stay on track with the course.
- create a study and/or assignment schedule to stay on track

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

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Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03 Undergraduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce
Velma K. Waters Library Rm 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@tamuc.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

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Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

A&M-Commerce Supports Students' Mental Health

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

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