

NRM 5328
PRINCIPLES OF GAME MANAGEMENT
SUMMER II 2018

Lecture times: Online – students may use their own discretion when completing assignments before due dates.

Instructor: Ryan O’Shaughnessy
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Office: Everett E. Turner Range Animal Science Center, Room 115
Office hours: Monday 10h00 – 12h00, Wednesday 10h00 – 12h00

Text: Demarais, S. and P.R. Krausman. 2000. Ecology and management of large mammals in North America. Prentice-Hall, Inc., Upper Saddle River, New Jersey.

Catalog description: Application of the principles of wildlife management to games species; habitat management, production, population characteristics and management strategy for each game species will be stressed.

Course objective: To provide a general overview of: (1) the ecology and conservation strategies of game animals of North America; (2) the practices commonly used to manage game species in North America.

Grading: Weekly assignments - 60%
Final Exam - 20%
Semester Assignment - 20%

Scale: 90 -100% = A
80 – 89% = B
70 – 79% = C
60 – 69% = D
< 60% = F

Attendance: No make-up quizzes, assignments, or exams will be given for unexcused absences. An excused absence is one where you notify the instructor PRIOR to being absent.

Weekly Assignments: During this course students will learn the basic principles of game management. Each week students will be expected to read one chapter from "Ecology and Management of Large Mammals in North America", and answer the associated questions provided on Blackboard. Additional readings and media resources may also be provided throughout the course.

Students will have until the following week to complete their assignments. For example, 'Week 1' encompasses Tuesday 10th July to Friday 13th July, therefore the assignment from Week 1 is due the following Friday (i.e. 20st July).

Students are free to work ahead in the class. In other words, you can submit assignments before due dates. You cannot however submit assignments after a due date without prior permission.

Semester Assignment: Each student will select one game species that occurs in North America to profile. Once a species has been selected, the student will conduct a literature review of the common practices used to manage the species in North America. A citation list (20 citation minimum) is due on the **3rd August, 2018**. Please consult the author guidelines from the Journal of Wildlife Management for how to correctly cite a paper ([http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1937-2817/homepage/ForAuthors.html](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1937-2817/homepage/ForAuthors.html)).

Please note: **CITATIONS FROM WEBSITES OR POPULAR LITERATURE WILL NOT BE ACCEPTED!** Be sure that your citations are from peer-reviewed literature (e.g. scientific journals, text books, scientific reports etc.). Using the respective citations, each student will write a 10-15 page paper on management of the species in North America. This assignment is due no later than **10th August 2018**.

Accommodations: It is up to Sul Ross State University to provide reasonable accommodations to students with disabilities. If you would like to request such accommodations because of physical, mental, or learning disabilities please contact the ADA coordinator for Program Accessibility located in Room 206 of the Briscoe Administration Building, or call 432-837-8203.

Program learning objectives:

Program Learning Outcomes for the B.S. in Natural Resource Management

The graduating student will demonstrate that he/she is able to:

1. Identify species of wildland plants and wildlife common to the western United States and describe their natural history.
2. Demonstrate knowledge of the elements of an ecosystem.
3. Communicate about natural resources and conservation both verbally and in writing.
4. Conduct range and wildlife inventories in a team setting.
5. Apply knowledge about elements of an ecosystem into an appropriate conservation management plan.

Program Learning Outcomes for the M.Agr. in Range and Wildlife Management

The graduating student will demonstrate that he/she is able to:

1. Apply statistical concepts and procedures to natural resource data
2. Evaluate literature and references as they apply to the natural resource field
3. Demonstrate their knowledge of the fundamentals and advanced concepts of range and wildlife management.

Program Learning Outcomes for the M.S. in Range and Wildlife Management

The graduating student will demonstrate that he/she is able to:

1. Apply statistical concepts and procedures to natural resource data
2. Evaluate literature and references to substantiate an applied research project.
3. Examine, select, and utilize appropriate resources, materials, and data collection instruments to implement research projects.
4. Justify and defend the research questions and design.

Tentative schedule for NRM 5328 – Principles of Game Management – Summer II, 2018

Dates	Week	Subject
07/10/2018 – 07/13/2018	1	Chapter 1-4
07/16/2018 – 07/20/2018	2	Chapter 5-8
07/23/2018 – 07/27/2018	3	Chapter 9-12
07/30/2018 – 08/03/2018	4	Chapter 13-16
08/16/2018	5	Final Exam
