

**Sul Ross State University**  
**NRM 2330**  
**Wildlife Conservation and Management**  
**Fall**

**Instructors:** Dr. Ryan S. Luna  
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**Office:** RAS 111A  
**Office Hours:** TR 2-3 or by appointment

**Text:** Bolen, E. G., and W. L. Robinson. 2003. Wildlife ecology and management. Fifth Edition. Prentice Hall, Inc. Optional.

Fryxell, J.M., A.R.E. Sinclair, and G. Caughley. 2014. Wildlife Ecology, Conservation, and Management. Third edition. Wiley Blackwell. Optional

**Catalog Description:** An introduction to the wildlife resources of the United States with specific reference to Texas. The history of game management, endangered species, and methods for the maintenance and increase of the wildlife resources.

**Course Objectives:** Designed to: (1) introduce the student to the wildlife profession and literature, (2) promote professionalism and volunteerism in students, (3) demonstrate wildlife management techniques for species, populations, and communities, and (4) and develop communication skills.

<b>Grading:</b>	Exams (3 @ 10% ea)	30%
	Summaries (4 @ 5% ea)	20%
	Comprehensive Final Exam	20%
	20 Volunteer Hours	20%
	Presentation/field notes	5%
	Assignments, Participation, Quizzes	5%

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

**Attendance:** Poor attendance will affect your final grade. All homework will be collected at the beginning of class. You will receive a **0** for late homework. Notify the instructor prior to excused absences. No make-up exams will be given for unexcused absences. You are expected to do your own work on homework assignments and exams. If you are caught cheating both parties will receive an **F** for that material and expulsion will be sought with a final grade of **F**.

Group presentation & field notes:

The class will take a trip to tour local ranches that are catering management toward wildlife. Students will take copious field notes on management practices, the types of vegetation that are present, and wildlife species using the area. In addition to the field notebook, students will be broken assigned groups and will create a group presentation on the impacts of various management practices. Assessment will be based on detail of field notes, and the quality of the presentation.

It is Sul Ross State University Policy to provide reasonable accommodation to students with disabilities. If you would like to request such accommodations because of physical, mental, or learning disability, please contact the ADA Coordinator for Program Accessibility in University Center Building in Room 211 or call 432-837-8178.

#### 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.

#### TEA AFNR Educator Standards

The teacher understands:

1. Ecological principles, natural resources, and the impact of agriculture on the environment, and
2. The principles of ecosystem management.

**NRM 2302  
Wildlife Resources  
Tentative Schedule-Fall**

	<b><u>Week</u></b>	<b><u>Subject</u></b>
	1	Introductions, Syllabus, Study Skills, Employment
	2	Labor Day Holiday (9/3), Chapter 1&2
	3	Chapters 3&4
	4	Chapter 5&6
	5	<b>Summary I Due (9/25), Chapter 7, Test I (9/27)</b>
	6	Chapters 8&9
	7	Chapters 10&11
	8	Chapters 12&13
	9	<b>Summary II Due (10/23), Chapter 14, Test II (10/25)</b>
	10	Chapters 15&16
	11	Chapters 17&18
	12	Chapters 19&20
	13	<b>Summary III Due (11/20), Chapter 21, Test III (11/20)</b>
	14	Chapter 22, Group Presentations
	15	Chapter 23, <b>Summary IV Due (12/4), Volunteer Hrs (12/4), &amp; Final Review (12/6)</b>
Final Exam	16	8am, Monday Dec. 10th