



RANGER COLLEGE
RANGER, TEXAS

COURSE SYLLABUS

WILDLIFE CONSERVATION AND MANAGEMENT
AGRICULTURE 2330

3 credit hours

INSTRUCTOR: HERMAN GLUECK

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EMAIL: hglueck@rangercollege.edu
OFFICE: NO OFFICE
PHONE: 254-631-5772
HOURS: NO HOURS

I. Texas Core Curriculum Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

II. Course Description

Principles and practices used in the production and improvement of wildlife resources. Aesthetic, ecological, and recreational uses of public and private lands.

III. Required Background or Prerequisite

No prerequisite

IV. Required Textbook and Course Materials

Textbook: "Introduction to Wildlife & Fisheries" – Willis – 2nd Edition

V. Course Purpose

1. Students will be able to understand the wildlife profession.
2. Students will be able to identify various wildlife.
3. Students will have knowledge of the habitat needed for various wildlife.
4. Students will understand the behavior of wildlife.

VI. Learning Outcomes

Upon successful completion of this course, students will:

1. Explain basic ecological principles of population dynamics, habitat, succession, and ecosystems.
2. Describe how these ecological principles can be applied to manage wildlife populations and habitats.
3. Contrast wildlife management strategies for different purposes (i.e. recreation, conservation, and preservation).
4. Use critical thinking and scientific problem solving to make informed decisions about wildlife and natural resources management strategies.
5. Discuss the impact of current trends and societal issues on wildlife and increased demands on natural resources.

VII. Core Objectives

This course meets the following of the six Core Objectives established by Texas:

- X **Critical Thinking Skills (CT)** – Creative thinking, innovation, inquiry, and analysis; evaluation and synthesis of information
- X **Communication Skills (COM)** – effective development, interpretation and expression of ideas through written, oral, and visual communication
- X **Empirical and Quantitative Skills (EQS)** – The manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- X **Teamwork (TW)** – The ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- X **Social Responsibility (SR)** – Intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities
- X **Personal Responsibility (PR)** – The ability to connect choices, actions, and consequences to ethical decision-making

VIII. Methods of Instruction

1. Students will answer questions during lecture.
2. Students will do research on various wildlife.
3. Students will watch films on various wildlife.
4. The questions and answers and research papers will be kept in a notebook.

IX. Methods of Assessment

1. Attendance.
2. Quality of work in notebook.

Grading scale: A = 90-100% B = 80-89 C = 70-79 D = 60-69 F = Below 60

X. Course/Classroom Policies

1. Attendance is mandatory.
2. No cell phone use unless instructed to do so.
3. Required to write answers in notebook.

XI. Course Outline/Schedule

1. Wildlife management by preserving and manipulating
2. Neglect and exploitation of various wildlife
3. Successful wildlife management
4. Ecosystems
5. Population ecology
6. Animal behavior
7. Food and cover for wildlife
8. Wildlife diseases
9. Predators
10. Hunting and trapping
11. Local wildlife

XII. Non-Discrimination Statement

Admissions, employment, and program policies of Ranger College are nondiscriminatory in regard to race, creed, color, sex, age, disability, and national origin.

XIII. ADA Statement

AGRI 2330

Ranger College provides a variety of services for students with learning and/or physical disabilities. Students are responsible for making initial contact with the Ranger College Counselor, Gabe Lewis (glewis@rangercollege.edu). It is advisable to make this contact before or immediately after the semester begins.