

Syllabus - Wildlife in America FNR 240

Instructor: Dr. Olin E. Rhodes, Jr.
 Office: 307 FORS
 Phone: 4-3601
 Office Hours: MW 2:00PM - 3:00PM
 Lecture: MWF 3:30 - 4:20
 Texts: G. W. Cox, 1997. Conservation Biology: Concepts and Applications, 2nd edition, WCB Publishers.

| Date | Topic | Readings |
|-----------|---|---------------|
| August | 19 Introduction | -- |
| | 21 Principles of Ecology | -- |
| | 23 Principles of Wildlife Management | -- |
| | 26 Principles of Conservation Biology | Ch-1; R-6.1 |
| | 28 Ecological Concepts - Ecosystems, Communities | Ch-3 |
| | 30 Ecological Concepts - Succession | Ch-3 |
| September | 02 LABOR DAY BREAK | |
| | 04 Ecological Concepts – Biomes | QUIZ 1 |
| | 06 Ecological Concepts - Biomes | Ch 6-10 |
| | 09 Biological Diversity - Why save it? | Ch-28,29 |
| | 11 Causes of Extinction | Ch-5; Ch-25 |
| | 13 NO CLASS | |
| | 16 Endangered Species Act - What is it? | Ch-26 |
| | 18 Endangered Species Act - Problems and solutions | Ch-26 |
| | 20 EXAM 1 | |
| | 23 Monitoring Wildlife | |
| | 25 How Small is a Population? | Ch-26 |
| | 27 NO CLASS | |
| | 30 Charismatic Megafauna - Mammals | R-7.1 |
| October | 02 Captive Breeding and Reintroduction Programs | Ch-25; Ch-26 |
| | 04 Case Study: Wolves in Yellowstone | |
| | 07 OCTOBER BREAK | |
| | 09 Game Species | Ch-14 |
| | 11 Case Study - Deer overpopulation | QUIZ 2 |
| | 14 Small Mammals - Ecology | -- |
| | 16 Case Study - Prairie Dogs and Black-footed Ferrets | Ch-7 |
| | 18 Charismatic Megafauna - Birds | -- |
| | 21 International Protection Programs | Ch-21; Ch-30 |
| | 23 Case Studies – California Condor, Wild Turkey | R-26 |
| | 25 EXAM 2 | |

| Date | Topic | Readings |
|-------------|--|---------------------|
| October | 28 Waterfowl | Ch-21 |
| | 30 Migration and Habitat Loss | Ch-21 |
| November | 01 Case Studies - Trumpeter Swan, Canada Goose | -- |
| | 04 Upland Birds - Diversity, Non-game Programs | Ch-13 |
| | 06 Neotropical Migrants | Ch-21; R-13.1 |
| | 08 Guest Lecturer - TBA | -- |
| | 11 Case Studies - Raptors | QUIZ 3 Ch-22 |
| | 13 Herps” – amphibians and reptiles | -- |
| | 15 Worldwide Population Declines | Ch-23 |
| | 18 Gap Analysis | Ch-27 |
| | 20 Case Studies - Desert Tortoise, Alligators | R-8.1 |
| | 22 Fisheries I - Freshwater Species | Ch-15; Ch-16 |
| | 25 Fisheries I - Maximum Sustained Yield | QUIZ 4 Ch-24 |
| | 27 THANKSGIVING VACATION | |
| | 29 THANKSGIVING VACATION | |
| December | 02 Case Study - Salmon | Ch-16 |
| | 04 Case Study – Salmon (cont) | Ch-16 |
| | 06 Fisheries II - Marine Species | |
| | TBA FINAL EXAM - Date To Be Announced | |

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| <u>Grading</u> | First Exam | 100 points |
| | Second Exam | 100 points |
| | Quizzes | 40 points |
| | <u>Final Exam</u> | <u>160 points</u> |
| | TOTAL | 400 points |

***** TESTS ARE NOT CUMULATIVE*****

Students with disabilities: If you have a disability which requires some special accommodation, please make an appointment within the first three weeks of the semester to discuss the appropriateness of the instructional methods in this class, or any adjustments that you may need. I have found it possible to make accommodations in the past, but it is important that we talk about this at the beginning of the semester.

Makeup Exam Policy: With **prior consent** or in **cases of documented emergencies** makeup quizzes and exams will be administered up to **1 week** after the date of the official exam. Prior consent will be granted in cases of legitimate need. **Requests for make up status are to be made IN WRITING prior to the official exam date.**

Extra Credit: There will be extra credit points available on quizzes and exams.

Taped Lectures – All lectures are taped and available for review in the Hicks undergraduate Library