

**Forestry, Wildlife, and Fisheries 315**  
**Principles of Wildlife and Fisheries Management**

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**Office Hours:** By Appointment

**Course Place and Times:** MWF 12:40-1:30pm 265 Brehm Animal Science Bldg

**Catalog Description:** Ecological relationships of wild animals with other animals and their habitats. Biological, social, and economic aspects of their management. 3 credits.

**Wildlife Text:** James G. Dickson. 2001. Wildlife of Southern Forests. Habitat and Management. Hancock House Publishing. Readings will be distributed as pdfs of assigned chapters.

**Fisheries Text and Materials:** Christopher S. Guy, Michael L. Brown. 2007. Analysis and Interpretation of Freshwater Fisheries Data. Readings will be distributed as pdfs of assigned chapters. Rest of the materials will be available on the Canvas Course Page.

**Class Structure:**

Monday and Wednesday- Lectures will be in person

Friday- In person class discussions and other activities; attendance & participation required

**Learning Objectives- Wildlife:**

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- 1) Know and understand the major Principles of Wildlife Management and the North American Model of Wildlife Management
- 2) Be able to identify and know the basic ecology of key game species, non-game species, endangered species, and nuisance species of wildlife
- 3) Know the basic terminology and concepts in population ecology and how that relates to wildlife management
- 4) Know the basic terminology and concepts in habitat ecology and how that relates to wildlife management
- 5) Know the basic terminology and concepts in the human dimensions of wildlife management

## **Learning Objectives- Fisheries:**

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- 1) Learn to identify fishes by examining their external morphology. Be capable of identifying at least 30 freshwater fishes of conservation, recreational, and commercial concern in North America.
- 2) Understand how the biology, life history, and population ecology of freshwater fishes relates to their management.
- 3) Understand how aquatic ecology relates to the management of freshwater fishes.
- 4) Become familiar with management tools and processes used for recreational and commercial freshwater fishery stocks, and for species of conservation concern.

## **Important Dates:**

August 23	Class introduction
August 25	Wildlife begins
September 4	Labor Day- no class
September 18	Wildlife Hour Exam
October 9-10	Fall break- no class
October 13	Wildlife Final Exam

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October 16	Fisheries begins
November 13	Fisheries Hour Exam
November 22-24	Thanksgiving break
December 6	Last fisheries lecture
December 13 1:00-3:15pm	Fisheries Final Exam

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**Grading:**

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Wildlife Hour Exam- Sep 20	50 points
Wildlife Final Exam- Oct 13	100 points
Wildlife Lecture quizzes (5)	50 points
Wildlife Friday Assignments (5)	50 points
Fisheries Hour Exam- Nov 8	50 points
Fisheries Final Exam- Fisheries Dec 13 @ 1:00pm	100 points
Fisheries Lecture quizzes (5)	50 points
Fisheries Friday Assignments (5)	50 points
Total	500 points

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**Grading Scale:**

A	460-500 points	92 -100%
A-	450-459 points	90 - 91%
B+	440-449 points	88 - 89%
B	410-439 points	82 - 87%
B-	400-409 points	80 - 81%
C+	390-399 points	78 - 79%
C	360-389 points	72 - 77%
C-	350-359 points	70 - 71%
D	300-349 points	60 - 69%
F	0-299 points	0 - 59%

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**Wildlife and Fisheries Exams:**

The lecture exams will be held in person during the regularly scheduled class period and during the final exam slot (fisheries final exam) and will be comprehensive covering everything during the wildlife/fisheries sections of the class (lecture content, readings, videos, discussions).

**Weekly Lecture Quizzes**

Weekly lecture quizzes (10 pts each) will be posted online asynchronously on Friday afternoons, due on Mondays @ 500pm, covering lecture and discussion content. Quizzes are open notes but no google searches allowed for researching questions.

## **Friday In-Person Class Activities/Assignments:**

We will be holding structured activities in class on Fridays to encourage direct student engagement, to promote critical thinking and quantitative and communications skills, and to explore various contemporary topics. There will be five weekly Friday assignments worth 10 points each for wildlife (50 pts total) and five weekly Friday assignments for fisheries (50 pts total). The assignments will be posted in Canvas generally the week before they are due. In most cases, the assignment will involve a short (1-3 minute) in-class presentation for selected students on Fridays to promote discussion on various topics. **You must be in attendance on Friday to receive full credit for the assignment.**

## **Email:**

We will be using Canvas in this class. You will be contacted from time to time via email. You are expected to check your **UT email account** frequently (i.e., at least every other day) to keep up with class assignments and activities.

## **Changes in the Syllabus:**

We plan to follow the syllabus as the course has been laid out herein. Given the potential for covid-19 disruptions this fall, we may have to modify the overall plan. If we need to update the syllabus and change the plan, you will be notified as to changes in calendar dates, assignments, grading policy, etc.

## **UNIVERSITY POLICIES:**

When you enroll at the University of Tennessee you pledge to hold yourself and your peers to the standards of academic honesty and integrity as described in the Academic Policies and Code of Conduct. You are expected to uphold your pledge to honesty and integrity in this course. Academic dishonesty in any form will not be tolerated.

Visit: [https://studentconduct.utk.edu/wp-content/uploads/sites/53/2021/08/2m3k1ac-Fall-StudentCodeOfConduct\\_WEB.pdf](https://studentconduct.utk.edu/wp-content/uploads/sites/53/2021/08/2m3k1ac-Fall-StudentCodeOfConduct_WEB.pdf) to read more about the University of Tennessee Academic Policies and Standards of Conduct, behavior that constitutes academic dishonesty, and sanctions.

## **Student Disabilities**

The University of Tennessee, Knoxville, is committed to providing an inclusive learning environment for all students. If you anticipate or experience a barrier in this course due to a chronic health condition, a learning, hearing, neurological, mental health, vision, physical, or other kind of disability, or a temporary injury, you are encouraged to contact Student Disability Services (SDS) at 865-974-6087 or [sds@utk.edu](mailto:sds@utk.edu). An SDS Coordinator will meet with you to develop a plan to ensure you have equitable access to this course. If you are already registered with SDS, please contact your instructor to discuss implementing accommodations included in your course access letter.

## **UT Policy on Use of Artificial Intelligence in the Class**

In this course, it is expected that all submitted work is produced by the students themselves, whether individually or collaboratively. Students must not seek the assistance of Generative AI

Tools like ChatGPT. Use of a Generative AI Tool to complete an assignment constitutes academic dishonesty.