FORS 4340/6340 – Endangered Species Management
Spring 2003

Details:	3 credits – 3 hours lecture per week
Prerequisite:	FORS 3010 - Dendrology or FORS 3580 – Vertebrate Natural History or BTNY 4650 – Plant Taxonomy or permission of school
Instructor:	Dr. Mike Mengak, Assistant Professor, Wildlife Service – Phone: 583-8096 – Office: WSFR, Building 3, Room 320 – Email: mmengak@forestry.uga.edu
Office hours:	2:00 – 3:00 PM Monday/Wednesday or anytime I am in my office. Call first or make appointment.
Class Meetings:	MWF – 11:15 AM to 12:05 PM
Location:	WSFR Bldg. 3, Room 312

Catalog Description: Factors affecting extinctions and declines in biodiversity, including laws, policies, and management activities designed to protect species and critical habitats.

Reading: Required –

National Research Council. 1995. Science and the Endangered Species Act.

Clark, T. W., R. P. Reading, and A. L. Clarke. 1994. Endangered Species Recovery: Finding the Lessons, Improving the Process. Island Press.

Jackson et al. 1992. Georgia's Endangered Animals and Plants. UGA CES Bulletin B-1071.

Coder, K. 1994. Landowners and the Endangered Species Act. UGA CES Bulletin 1114.

Recommended

Handouts as provided

A large 3-ring binder with tab dividers for each topic and case study.

Objectives: Upon completion of this course students will

1 – Understand the major provisions of the endangered species act,

2 – Understand major concepts in conservation biology and endangered species management,

3 – Understand major issues related to preserving and restoring endangered species,

4 – Understand methods for monitoring and restoring endangered species,

5 – Understand some issues and difficulties in preserving endangered species through the use of case studies, relevant literature, web-based information and discussion, and

6 – Be able to present factual information on endangered species issues to an audience of their peers.

SPECIFICS: This course provides an overview of endangered species management, conservation biology principles, legislation, and case studies. Emphasis on methods currently used in the management and restoration of T&E species, state and federal laws, development of Recovery Plans, Habitat Conservation Plan and preserve selection. Other topics include conservation biology, monitoring, and resolution of conflicts that arise between the public, economics and endangered species.

INSTRUCTORS' ROLES: The instructor will facilitate learning of principles and concepts of endangered species management. There is dedication to helping each student achieve a high level of competence. Availability, patience, and fairness are the principal guidelines used in course instruction.

STUDENT'S ROLE: Each student has responsibility in this course for learning and performance; learning the course material and achieving the course objectives. Therefore, this course is a partnership between instructors and students—both have responsibility for your success

EMAIL: Effective communications are necessary in this course. Each student is required to be accessible via email. An email note must be sent to the instructor PRIOR to the end of the first week.

LATE WORK: Late work is not acceptable. Work turned in after the deadline will not be accepted unless prior arrangements have been made with the instructor and permissions has been obtained in advance.

COURSE PREMISES:
1. Learning is the most important activity in this course. The requisite workload is heavy.
2. All college students are adults. They are supposed to have the maturity to make wise decisions or at least know how to get assistance. They understand what must be done to succeed. They understand that priorities must be made and that there are prices to pay for under-achievement, missing deadlines, and incomplete assignments. Be wise. Penalties are generally confined to loss of points for assignments – incomplete or late assignments can result in a total loss of points for the assignment.

SPECIAL NOTES:
1. Attendance is crucial and imperative; it is required in this course. The instructor should approve absences in advance. There are no make-up opportunities for missed assignments. Late homework due to approved absences must be cleared with the instructor in advance. Make-ups tests may be arranged but only in advance.
2. Please come prepared for class discussions. You are required to read all assignments before coming to class.
3. Much of the learning is experiential, i.e. class discussion, peer-group discussion and supplemental reading. Please get started as soon as possible and commit plenty of time for quality work.
4. Please note: Lack of preparation on your part does not constitute an emergency on the instructor's part.

Grading: Final grades for the course will be assigned based on possible total of 500 points. Minimum scale is 90% = A, 80% = B, 70% = C, 60% = D, below 60% = failing.

Grades will be based on the following

Participation in class discussion ……..	100 points
Leading discussion (2 per student) ……..	150 points
Research Paper ……..	100 points
Final Exam ……..	150 points

Examination Policy – Make-up exams are difficult to prepare and missing a scheduled exam is strongly discouraged. Absences from exams must be arranged in advance unless there is an extreme and documented emergency. There will be no make up for quizzes unless arranged in advance. Late work is not accepted except in emergencies.

Field Trip – A field trip may be arranged. You will be informed as far in advance as possible of the details. Flexibility on your part will greatly increase the overall educational value – to you - of this course.

Reading Assignments – Each student is expected to read and make notes on all reading assignments. Notes may be collected for grading. Outside reading will be assigned. Handouts, journal articles and portions of books will be placed on reserve in 3-311. Material must not leave the room except to copy and then must be PROMPTLY returned. The class schedule is a general guide as to when we will cover specified material. We may move faster or slower than the plan indicates. We may leave out some material and add new topics. Please adapt to this and stay ahead in the reading

Class Schedule
FORS 4340/6340 Endangered Species Management
Spring, 2003
Mike Mengak

Week of	Topic	
Jan 10	Introduction and overview of course & course requirements	
Jan 13	What extinction crises? Biodiversity; International Issues	Dr. Barbara Williams
Jan 20	ESA; CITES; State Laws; State Lists	Lawyer??
Jan 27	PVA; Metapopulations	Joint GA/SC TWS Meeting – Wed, Jan. 29
Feb 3	Habitat Conservation; HCP; Private Property	Dr. Kim Coder –WSFR - UGA
Feb 10	Management; Feb. 13 - Managing deer to manage biodiversity: fact or fiction? **ATTENDENCE REQUIRED UNLESS EXCUSED W/ PERMISSION ONLY**	WSFR Symposium – Thurs, Feb. 13; 2 PM 1-3; Dr. Wm. McShea-CRC
Feb 17	Monitoring; Increase; Protect (Damage Mgmt.)	SE Mammal Colloquium – Fri, Feb. 21
Feb 24	Jobs and Economics	SE Deer Study Group – Mon, Feb. 24
Mar 3	Ecosystem Management; Forest Service and others (NGO)	Dr. John Carroll – WSFR - UGA
Mar 10	Biology and Genetics	Dr. Castleberry – WSFR -UGA
Mar 17	**UGA SPRING BREAK AND TWS STUDENT CONCLAVE**	
Mar 24	Captive Breeding; Zoos	
Mar 31	Reserves and Corridors	FASAT County Agent Training – Wed, Apr. 2
Apr 7	Case Studies I – Students	Animal Damage Conf. – Mon, Apr. 7
Apr 14	Case Studies II - Students	
Apr 21	Student Symposium – 15 minutes each; 4 per day	
Apr 28	Graduate Student Presentations – one each day	
May 5	Exam Week – Exam TBA	