

NR14 - WILDLIFE ECOLOGY

Course Syllabus for Spring 2000
Lecture : T TH 1100-1150 (FEM 8)
Lab: T 0800-1050 (FEM 8)

Instructor: Kenneth Nolte

Office FEM10, Phone: (559) 638-3641 Ext. 3499

Office Hours: M,T,W,F—12:00-1:00pm, other times by appointment.

Books: Wildlife Lab Packet (Purchase at bookstore)

Course Objectives:

To introduce students to local and regional wildlife species and to develop expertise in Wildlife identification, taking field notes, and with common field techniques used by wildlife managers. Students will also be exposed to habitat management concepts.

Tentative Schedule

	<u>Lecture Topic</u>	<u>Lab Topic</u>
Week 1	(T)Introduction (TH)Man and Wildlife	Avian Topology and Taxonomy
Week 2	(T)California Wildlife (TH)California Wildlife	Bird Identification
Week 3	(T)History (TH)History	Mammalian Topology and Taxonomy
Week 4	(T)Wildlife Ecology (TH)Wildlife Ecology	Mammal Skulls
Week 5	(T) All Day Field Trip to Los Banos (leave at 7:00 am) (TH)Wildlife Ecology	
Week 6	(T)Review (TH) Exam 1	Mammal Skins
Week 7	(T)Wildlife Habitat (TH)Wildlife Habitat	GIS, Remote Sensing
Week 8	(T)Wildlife Habitat (TH)Wildlife Habitat	Southern Cal Edison Trip

Schedule Continued:

	<u>Lecture Topic</u>	<u>Lab Topic</u>
Week 9	(T)Wildlife Populations (TH)Wildlife Populations	Population Enumeration
Week 10	(T)Wildlife Populations (TH)Wildlife Populations	Duck Wings
Week 11	(T)Review (TH) Exam 2	Food Habits Analysis
Week 12	(T)Wildlife Techniques (TH)Wildlife Techniques	Trapping and Marking
Week 13	(T)Wildlife Techniques (TH)Telemetry	Sexing and Aging Techniques
Week 14	(T)Fisheries Management (TH)Fisheries Management	Telemetry
Week 15	(T)Biodiversity (TH)Biodiversity	Fisheries Management
Week 16	(T)Conservation Biology (TH)Landscape Ecology	Discussion on Conservation
Sequoia Lake Field Trip		
Week 17	(T)Wildlife Conservation (TH)Wildlife Conservation	Review for Final Exam

Final Exam 5/18 - Thursday, 1030-1230

Drop date:

The deadline for dropping this course without receiving a grade is March 12th at 1700 hours. After this date I must assign a grade and it will most likely be an F.

Attendance and Grading Policy:

If you miss a lecture, you are responsible for obtaining notes from a classmate. The success of this or of any class depends on the presence and active participation of each student. Therefore, you are expected to attend every class. Your attendance record will be considered when assigning your final grade. Individual exam grades may be curved and final grades will be assigned based on a straight percentage system according to the following scale:

Course Grade	Cumulative Percent
A	90-100
B	80-89
C	70-79
D	60-69
F	50-59

Breakdown of Grades

Exams (2 @ 100 pts.)	200
Lab Quizzes	150
Lab Assignments	400
Final Exam	100
Paper or Presentation	<u>150</u>
Total	1000 Points

Field Trips:

There may be several required field trips taken during the semester. These trips will generally be taken during scheduled lab times but we may sometimes return to the College after 5:00pm. Scheduled trips will happen **rain or shine** so come prepared for the worst possible weather situations. **Always come prepared to go outside during lab. My definition of "Being Prepared" means to wear hiking boots or work boots, wear long pants, and to bring other items such as water, bug repellent, rain gear (even if there is a slight chance of rain), and plenty of warm cloths.**

Term Paper or Presentation:

Each student will be assigned a wildlife species that they must research. You must include basic natural history (taxonomy, description, habitat requirements, breeding biology, etc.). Be certain to include a section on how man has affected the species. Using the Internet is ok but you are limited to no more than 2 internet references, pictures excepted. If you write a paper, you must include ≥ 8 references in the literature cited section. The paper should be between 6 and 8 pages in length, double spaced, not including the title page, table of contents, and literature cited sections. You must follow the Journal of Wildlife Management guidelines. If you choose to give a presentation, the preferred option, it should be 12-15 minutes in length with an appropriate number of visual aids.

Due Dates:

- Subject must be assigned/selected by **20 January (5 points)**
- A list of references must be turned in by **8 February (15 pts)**
- A rough draft of the paper must be turned in **2 March (30 pts)**
- The final project is due on **25 April (100 pts)**. Reports or presentations received after this date may be accepted but you will lose 5 points for each day it is late.