

Course Outline of Record

1. Course Code: NR-003
2.
 - a. Long Course Title: Introduction To Wildlife Management
 - b. Short Course Title: INTRO WILDLIFE MNGMT
3.
 - a. Catalog Course Description:
 This course covers the principles of wildlife biology as related to wildlife management. Students are introduced to basic skills involved in wildlife conservation, and develop an understanding of the relationships between wildlife, people and outdoor recreation. Subjects to be covered include: basic ecological concepts; population dynamics; wildlife habitats and nutrition; wildlife identification and natural history; field methods; fish and game laws; and career opportunities.
 - b. Class Schedule Course Description:
 This course introduces students to the basic skills involved in wildlife conservation. Topics include the relationships between wildlife, people, and outdoor recreation, population dynamics, wildlife habitats and natural history, field methods, fish and game laws, and career opportunities.
 - c. Semester Cycle (*if applicable*): N/A
 - d. Name of Approved Program(s):
 - NATURAL RESOURCES AS Degree and Transfer Preparation
4. Total Units: 3.00 Total Semester Hrs: 54.00
 Lecture Units: 3 Semester Lecture Hrs: 54.00
 Lab Units: 0 Semester Lab Hrs: 0
 Class Size Maximum: 35 Allow Audit: No
 Repeatability No Repeats Allowed
 Justification 0
5. Prerequisite or Corequisite Courses or Advisories:
Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm1-A)
 Advisory: NR 001
6. Textbooks, Required Reading or Software: (*List in APA or MLA format.*)
 - a. Bolen, E.G. and Robinson, W.I. (2003). *Wildlife Ecology and Management* (5th /e). Prentice Hall.
 College Level: Yes
 Flesch-Kincaid reading level: 12
7. Entrance Skills: *Before entering the course students must be able:*

Advisory Skills:

 - a. Demonstrate an understanding of several fundamental concepts of ecology, environmental problems and conservation.
 - NR 001 - Demonstrate an understanding of several fundamental concepts of ecology, environmental problems and conservation.
 - b. Formulate solutions to reduce several major environmental problems.
 - NR 001 - Formulate solutions to reduce several major environmental problems.
 - c. Demonstrate an understanding of the selection and implementation of natural resource management procedures based on ecological and economic criteria.
 - NR 001 - Demonstrate an understanding of the selection and implementation of natural resource management procedures based on ecological and economic criteria.
 - d. Demonstrate an awareness of sound procedures for responding to potential environmental problems in personal and business arenas.
 - NR 001 - Demonstrate an awareness of sound procedures for responding to potential environmental problems in

personal and business arenas.

8. Course Content and Scope:

Lecture:

1. Wildlife and people, including human impacts upon wildlife
2. Wildlife as a natural resource
3. Wildlife in America and California
4. Basic ecological concepts
5. Ecosystems and habitats
6. Dynamics of wildlife populations; carrying capacity
7. Declining biodiversity and populations
8. Territory and migration
9. Wildlife management techniques
10. Habitat management
11. Methods for studying wildlife
12. Hunting and fishing seasons - why and how developed
13. Game and laws and regulations - wildlife law enforcement
14. Fish and game identification
15. Career opportunities

Lab: (if the "Lab Hours" is greater than zero this is required)

9. Course Student Learning Outcomes:

1. Examine the basic skills and techniques involved in wildlife management.
2. Identify the relationships between wildlife, people and outdoor recreation.
3. Examine potential career opportunities in the field of wildlife management.

10. Course Objectives: *Upon completion of this course, students will be able to:*

- a. Explain basic ecological concepts.
- b. Demonstrate an understanding of the relationships between wildlife, people, environmental needs and outdoor recreation.
- c. Identify and discuss general knowledge of several types of wild animals.
- d. Demonstrate an understanding of major game laws and regulations.
- e. Assess the selection and implementation of wildlife management procedures based on ecology and economics
- f. Synthesize major problems of wild life management and formulate potential solutions.
- g. Evaluate the roles and trends of wildlife management in today's world.

11. Methods of Instruction: (*Integration: Elements should validate parallel course outline elements*)

- a. Discussion
- b. Lecture

Other Methods:

- a. Computer graphics – enhance presentations
- b. Subject based videos – highlight important factors of subject material during lecture
- c. CD ROM/video presentations – introduce students to technologies available for wildlife management
- d. Guest speakers – introduce students to current wildlife management programs

12. Assignments: (*List samples of specific activities/assignments students are expected to complete both in and outside of class.*)

In Class Hours: 54.00

Outside Class Hours: 108.00

a. In-class Assignments

1. Take comprehensive notes during lecture
2. Practical examinations
3. Classroom discussions
4. In class quizzes and writing assignments.

b. Out-of-class Assignments

1. Reading textbook assignments
2. Reading assigned materials
3. Writing a short paper describing interview or field exercise with a resource management professional.

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- College level or pre-collegiate essays
 - Written homework
 - Critiques
 - Term or research papers
 - Reading reports
 - Presentations/student demonstration observations
 - Group activity participation/observation
 - Mid-term and final evaluations
 - Student participation/contribution
 - Oral and practical examination
 - Other
- Term paper; 3 – 5 pages on special activity

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

PO - Career and Technical Education

Fulfill the requirements for an entry- level position in their field.

Apply critical thinking skills to execute daily duties in their area of employment.

Apply critical thinking skills to research, evaluate, analyze, and synthesize information.

Display the skills and aptitude necessary to pass certification exams in their field.

Exhibit effective written, oral communication and interpersonal skills.

Transfer to a higher level learning institution

IO - Critical Thinking and Communication

Apply standard conventions in grammar, mechanics, usage and punctuation.

Conduct research, gather and evaluate appropriate information, organize evidence into oral and written presentation, using proper MLA, APA, and other discipline-specific formats to cite sources.

Summarize, analyze, and interpret oral and written texts, with the ability to identify assumptions and differentiate fact from opinion.

Utilizing various communication modalities, display creative expression, original thinking, and symbolic discourse.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year
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17. Special Materials and/or Equipment Required of Students:

18. Materials Fees: Required Material?

Material or Item	Cost Per Unit	Total Cost
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NR 003-Introduction To Wildlife Management

19. Provide Reasons for the Substantial Modifications or New Course:

periodic update

20. a. Cross-Listed Course (Enter Course Code): N/A
b. Replacement Course (Enter original Course Code): N/A

21. Grading Method (choose one): Letter Grade Only

22. MIS Course Data Elements

- a. Course Control Number [CB00]: CCC000116160
b. T.O.P. Code [CB03]: 11500.00 - Natural Resources
c. Credit Status [CB04]: D - Credit - Degree Applicable
d. Course Transfer Status [CB05]: B = Transfer CSU
e. Basic Skills Status [CB08]: 2N = Not basic skills course
f. Vocational Status [CB09]: Possibly Occupational
g. Course Classification [CB11]: Y - Credit Course
h. Special Class Status [CB13]: N - Not Special
i. Course CAN Code [CB14]: N/A
j. Course Prior to College Level [CB21]: Y = Not Applicable
k. Course Noncredit Category [CB22]: Y - Not Applicable
l. Funding Agency Category [CB23]: Y = Not Applicable
m. Program Status [CB24]: 1 = Program Applicable

Name of Approved Program (if program-applicable): NATURAL RESOURCES

Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)

23. Enrollment - Estimate Enrollment

First Year: 0

Third Year: 0

24. Resources - Faculty - Discipline and Other Qualifications:

- a. Sufficient Faculty Resources: Yes
b. If No, list number of FTE needed to offer this course: N/A

25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

26. Additional Construction or Modification of Existing Classroom Space Needed. (Explain:)

N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES

Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

28. Originator Kurt Leuschner Origination Date 09/08/16