

# EATM M08: APPLIED WILDLIFE CONSERVATION

**Originator**

bwoodhouse

**Co-Contributor(s)**
**Name(s)**

Mui, Gary (gary\_mui1)

**College**

Moorpark College

**Discipline (CB01A)**

EATM - Exotic Animal Training Mgmt

**Course Number (CB01B)**

M08

**Course Title (CB02)**

Applied Wildlife Conservation

**Banner/Short Title**

Applied Wildlife Conservation

**Credit Type**

Credit

**Start Term**

Spring 2024

**Co-listed (Same-as) Course(s)**

ANSC M08

**Taxonomy of Programs (TOP) Code (CB03)**

0102.00 - \*Animal Science

**SAM Priority Code (CB09)**

D - Possibly Occupational

**Control Number**
**Primary Minimum Qualification**

ANIMAL TRAINING & MANAGEMENT

**Department**

Animal Care & Training (ANCT)/Animal Science/Exotic Animal Training and Management (EATM) (1002)

**Division**

MC ANCT, ATZ, EATM, Health & Life Sciences

**Catalog Course Description**

Develops global awareness and knowledge about wildlife, the environment, and conservation in zoos and in the wild. Examines human values related to wildlife, cultural and social interaction with wildlife, wildlife issues, and responsible human actions.

**Taxonomy of Programs (TOP) Code (CB03)**

0102.00 - \*Animal Science

**Course Credit Status (CB04)**

D (Credit - Degree Applicable)

**Course Transfer Status (CB05) (select one only)**

B (Transferable to CSU only)

**Course Basic Skills Status (CB08)**

N - The Course is Not a Basic Skills Course

**SAM Priority Code (CB09)**

C - Clearly Occupational

**Course Cooperative Work Experience Education Status (CB10)**

N - Is Not Part of a Cooperative Work Experience Education Program

**Course Classification Status (CB11)**

Y - Credit Course

**Educational Assistance Class Instruction (Approved Special Class) (CB13)**

N - The Course is Not an Approved Special Class

**Course Prior to Transfer Level (CB21)**

Y - Not Applicable

**Course Noncredit Category (CB22)**

Y - Credit Course

**Funding Agency Category (CB23)**

Y - Not Applicable (Funding Not Used)

**Course Program Status (CB24)**

1 - Program Applicable

**General Education Status (CB25)**

Y - Not Applicable

**Support Course Status (CB26)**

N - Course is not a support course

**Field trips**

Will not be required

**Grading method**

(L) Letter Graded

**Does this course require an instructional materials fee?**

No

**Repeatable for Credit**

No

**Is this course part of a family?**

No

**Units and Hours**

**Carnegie Unit Override**

No

**In-Class**

**Lecture**

**Minimum Contact/In-Class Lecture Hours**

35

**Maximum Contact/In-Class Lecture Hours**

35

**Activity**

**Laboratory**

**Total in-Class**

**Total in-Class**

**Total Minimum Contact/In-Class Hours**

35

**Total Maximum Contact/In-Class Hours**

35

**Outside-of-Class**

**Internship/Cooperative Work Experience**

**Paid**

**Unpaid**

**Total Outside-of-Class**

**Total Outside-of-Class**

**Minimum Outside-of-Class Hours**

70

**Maximum Outside-of-Class Hours**

70

**Total Student Learning**

**Total Student Learning**

**Total Minimum Student Learning Hours**

105

**Total Maximum Student Learning Hours**

105

**Minimum Units (CB07)**

2

**Maximum Units (CB06)**

2

**Student Learning Outcomes (CSLOs)**

**Upon satisfactory completion of the course, students will be able to:**

- |   |   |
|---|---|
| 1 | describe current issues in wildlife conservation.                   |
| 2 | explain the interdependence of living species in the natural world. |

**Course Objectives**

**Upon satisfactory completion of the course, students will be able to:**

- |   |   |
|---|---|
| 1 | define the problems encountered in preserving the habitats of wildlife species. |
| 2 | create logical solutions for resolving conservation issues.                     |

- 3 describe responsible behavior concerning wildlife and the environment.
- 4 describe the historical origins and development of the conservation movement.
- 5 discuss conservation activities and programs in zoological facilities.
- 6 understand and discuss current events related to climate change.

## Course Content

### Lecture/Course Content

1. (20%) Awareness and Appreciation of Wildlife
2. (20%) Human Values, Wildlife and Influential People in the History of Conservation
  - John Muir
  - Gifford Pinchot
  - Aldo Leopold
  - Theodore Roosevelt
3. (20%) Wildlife Conservation
  - National Parks
  - Wetland, Deserts, etc.
4. (20%) Cultural and Social Interactions with Wildlife
  - Culture values
  - Animal vs. human
5. (20%) Wildlife Issues and Responsible Human Actions.

### Laboratory or Activity Content

N/A

## Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Written expression

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Essay exams  
Group projects  
Individual projects  
Objective exams  
Problem-solving exams  
Reports/papers  
Classroom Discussion  
Projects  
Participation  
Reports/Papers/Journals

## Instructional Methodology

Specify the methods of instruction that may be employed in this course

Audio-visual presentations  
Class discussions  
Computer-aided presentations  
Distance Education  
Guest speakers  
Other (specify)

Specify other method of instruction

PowerPoint presentations  
Video followed by discussion

Describe specific examples of the methods the instructor will use:

Present a PowerPoint presentation about the exploitation of wildlife for the illegal pet trade.

Lead a discussion about the environmental impact of these activities and question the socio-economic & moral impact on the societies affected

## Representative Course Assignments

### Writing Assignments

write evaluations of current event information provided on the Internet.  
write reflections on nature documentaries.

### Critical Thinking Assignments

participate in a small group presentation on a current environmental issue.  
engage fellow students in class discussion regarding an assigned environmental problem.  
devise potential answers to current environmental problems.

### Reading Assignments

article on parthenogenesis in California Condors and other animals that display this trait and summarize the pros and cons of this type of reproduction.  
articles (print or online) pertaining to current topics of discussion in class.

## Outside Assignments

### Representative Outside Assignments

participate in a local Coastal Cleanup program.  
conduct research on conservation issues.

## Articulation

### Equivalent Courses at 4 year institutions

University	Course ID	Course Title	Units
Humboldt State University	WLDF 210	Introduction to Wildlife Conservation and Administration	3

### Comparable Courses within the VCCCD

ANSC M08 - Applied Wildlife Conservation

### Equivalent Courses at other CCCs

College	Course ID	Course Title	Units
no comparable courses available			

## District General Education

### A. Natural Sciences

### B. Social and Behavioral Sciences

### C. Humanities

### D. Language and Rationality

### E. Health and Physical Education/Kinesiology

### F. Ethnic Studies/Gender Studies

### Course is CSU transferable

Yes

### CSU Baccalaureate List effective term:

S 2024

## CSU GE-Breadth

**Area A: English Language Communication and Critical Thinking**

**Area B: Scientific Inquiry and Quantitative Reasoning**

**Area C: Arts and Humanities**

**Area D: Social Sciences**

**Area E: Lifelong Learning and Self-Development**

**Area F: Ethnic Studies**

**CSU Graduation Requirement in U.S. History, Constitution and American Ideals:**

## IGETC

**Area 1: English Communication**

**Area 2A: Mathematical Concepts & Quantitative Reasoning**

**Area 3: Arts and Humanities**

**Area 4: Social and Behavioral Sciences**

**Area 5: Physical and Biological Sciences**

**Area 6: Languages Other than English (LOTE)**

## Textbooks and Lab Manuals

### Resource Type

Textbook

### Description

Irwin, Mark, John Stoner, and Aaron Cobaugh, eds. *Zookeeping: An Introduction to the Science and Technology*. University of Chicago, 2013.

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### Resource Type

Textbook

### Description

Fryxell, John, Graeme Caughley, and Anthony Sinclair. *Wildlife Ecology, Conservation, and Management*. 3rd ed., Wiley-Blackwell, 2014.

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### Resource Type

Textbook

### Description

Robinson, Lori, and Jane Goodall. *Saving Wild: Inspiration from 50 Leading Conservationists*. New Insights, 2016.

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### Resource Type

Textbook

### Classic Textbook

No

**Description**

Parker, Philip M., *The 2021-2026 World Outlook for Conservation and Development of Natural Resources and Wildlife*, ICON Group International, Inc., 2020.

**Library Resources****Assignments requiring library resources**

Research, using the Library's print and online resources.

**Sufficient Library Resources exist**

Yes

**Example of Assignments Requiring Library Resources**

Research, using the Library's print and online resources, current environmental issues analyzed in newspapers, magazines, and journals, such as Africa's poachers and wildlife rangers and how their work impacts the local economies.

**Distance Education Addendum****Definitions****Distance Education Modalities**

100% online

**Faculty Certifications**

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

**Regular Effective/Substantive Contact****100% online Modality:**

Method of Instruction	Document typical activities or assignments for each method of instruction
Asynchronous Dialog (e.g., discussion board)	Students may be required to post their ideas or solutions for class-related material on the course discussion boards. Students may also be required to comment on the posts of other students, including constructive criticism.
E-mail	The instructor may email students with announcements about the course or other college events and opportunities and answer student questions. Students may email questions and possibly assignments or projects, depending on the nature of the class, directly to the instructor.
Face to Face (by student request; cannot be required)	Students may have the option to visit the instructor in their office on campus for office hours or to discuss other class-related items.
Other DE (e.g., recorded lectures)	The instructor may use other instruction methods appropriate to the subject matter. For example pre-recorded lectures may be posted perhaps leading to a class discussion on the discussion boards.
Synchronous Dialog (e.g., online chat)	The instructor may hold class in a regular schedule but in an online format using a program such as ConferZoom. Office hours may also be held in this manner or with an online chat tool.

Telephone	Students may have the option to call the instructor and/or the instructor may call students to facilitate office hours or to discuss other class-related items.
Video Conferencing	Instructor may hold class in a regular schedule but in an online format using a program such as ConferZoom. Office hours may also be held in this manner.

**Primary Minimum Qualification**  
ANIMAL TRAINING & MANAGEMENT

## Review and Approval Dates

**Department Chair**

04/17/2023

**Dean**

04/20/2023

**Technical Review**

04/20/2023

**Curriculum Committee**

5/2/2023

**DTRW-I**

MM/DD/YYYY

**Curriculum Committee**

MM/DD/YYYY

**Board**

MM/DD/YYYY

**CCCCO**

MM/DD/YYYY

**Control Number**

CCC000588703

**DOE/accreditation approval date**

MM/DD/YYYY