

# ANIMAL SCIENCE

Program Purpose: Students completing courses in Animal Science will examine basic principles of science related to animals. Student will examine basic principles of animal behavior, diversity and conservation.

Study in animal science leads to careers in the animal care industry and entry into a transfer university. America's Teaching Zoo provides a laboratory experience, focusing primarily on non-domestic animals. The Animal Science courses are open to all students but are recommended for those interested in the Exotic Animal Training and Management (EATM) Program or any other career in the animal field.

## **ANSC M08 Applied Wildlife Conservation 2 Units**

*Same-As:* EATM M08

*In-Class Hours:* 35 lecture

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.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

## **ANSC M09 Animal Behavior 3 Units**

*Formerly:* ANSC M04

*Same-As:* EATM M09

*In-Class Hours:* 52.5 lecture

*Advisories/Rec Prep:* ANSC M17

Introduces the study of animal behavior with an emphasis on learning theory, especially classical and operant conditioning. Provides understanding on how to apply the concepts of ethology and behavior modification to the maintenance and training of animals under professional care.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** B2

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** D

**IGETC:** None

## **ANSC M09L Animal Behavior Lab 0.5 Units**

*Formerly:* ANSC M04L

*Same-As:* EATM M09L

*In-Class Hours:* 26.25 laboratory

*Prerequisites:* ANSC M09 or concurrent enrollment

Provides students with opportunities to develop skills in behavior modification and observational research. Requires students to demonstrate such skills through training a rat and conducting observational research on animals under professional care.

**Catalog Notes:** Student must be able to house and care for one or more domestic rats.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

## **ANSC M17 Animal Diversity 3.5 Units**

*Formerly:* ANSC M07; ANSC M07L

*Same-As:* EATM M17

*In-Class Hours:* 52.5 lecture, 26.25 laboratory

Surveys invertebrate and vertebrate animals, both terrestrial and marine. Focuses on classification, general characteristics, adaptations, animal recognition, evolutionary history, and basic concepts of ecology.

**Grade Modes:** Letter Graded

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** A1

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** B2, B3

**IGETC:** None

## Dean

Carol Higashida, Phone (805) 378-1459

## Faculty

Brenda Woodhouse

## Counselors

Daniel Aguilar, Chuck Brinkman, Trevor Hess, Samantha Zaldivar