

Las Positas College  
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## Course Outline for PSYC 35

### INTRODUCTION TO ANIMAL BEHAVIOR

Effective: Spring 2018

#### I. CATALOG DESCRIPTION:

PSYC 35 — INTRODUCTION TO ANIMAL BEHAVIOR — 3.00 units

This course will focus on studies of animal behavior in vertebrates and invertebrates. We will focus on the mechanisms and evolution of animal behavior. Topics include neural, hormonal, and genetic bases of behavior; foraging; anti-predator defenses; mating systems and sexual selection; social behavior; communication; parental care; territoriality and habitat selection.

3.00 Units Lecture

#### Grading Methods:

Letter or P/NP

#### Discipline:

- Psychology and/or
- Biological Sciences

	<u>MIN</u>
<b>Lecture Hours:</b>	54.00
<b>Total Hours:</b>	54.00

#### II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

#### III. PREREQUISITE AND/OR ADVISORY SKILLS:

#### IV. MEASURABLE OBJECTIVES:

**Upon completion of this course, the student should be able to:**

#### V. CONTENT:

- A. Principles and Foundations of Animal Behavior
- B. Evolution of Behavior
- C. Hormones and Neurobiology
- D. Genetics and Development
- E. Learning
- F. Cultural Transmission
- G. Sexual Selection
- H. Mating Systems
- I. Kinship
- J. Cooperation
- K. Foraging
- L. Antipredator Behavior
- M. Communication
- N. Habitat Selection
- O. Aggression
- P. Play
- Q. Cognition

#### VI. METHODS OF INSTRUCTION:

- A. **Lecture** -
- B. **Observation and Demonstration** -
- C. **Audio-visual Activity** -
- D. **Discussion** -
- E. **Research** -
- F. **Classroom Activity** -
- G. **Field Trips** -

#### VII. TYPICAL ASSIGNMENTS:

#### VIII. EVALUATION:

- A. **Methods**

**B. Frequency**

IX. TYPICAL TEXTS:

X. OTHER MATERIALS REQUIRED OF STUDENTS: