

The Ecology and Evolution of Animal Behavior

Integrative Biology 31, Spring, 2014

Lecture: 10:00-11:00, Monday, Wednesday, Friday, 50 Birge Hall

Instructor: Roy Caldwell, 5017 VLSB (rlcaldwell@berkeley.edu)

Instructor's Office Hours: Monday, 3-4; Thursday, 11-12; or by appointment

Graduate Student Instructors: Lindsey Dougherty, 5013 VLSB (Lindseydougherty@berkeley.edu)

Course Web Site: B-space

Discussion Sections: One hour per week. All students will be assigned to a section by the end of the first week. Sections will begin meeting the second week of classes. Sections will be used to present biological background material pertinent to the behavioral topics covered in lecture and to explore the implications of the research surveyed. Specific questions on lecture and reading material are best handled during office hours with your GSI.

Lecture Format: Professor Caldwell will normally lecture two days a week. The third day will be used for films, guest lectures and exams. Major contributions to the study of behavior covered in the films and guest presentations **will be included** on exams.

Text: There is no specific text for the course. If you are unfamiliar with specific material, see your GSI for recommended additional readings.

Examinations and Grading: The course grade will be based on the total number of points awarded out of a possible 400. Each of the two midterms will be worth 100 points. The final exam will be worth 200 points. Approximately one-half of the final will cover material presented after the second mid-term; one-half will cover the entire course. Examinations will be approximately 80% objective and short answer, 20% short essay. Exams will include material from films and guest lectures with emphasis on lecture topics.

General Course Policies: Students missing an exam will be given the opportunity to take a make-up exam **only** with written verification of illness or personal emergency or if **prior** approval was granted by the instructor. Students requiring special arrangements during examinations must provide written confirmation of this need at least one week before the scheduled examination. Cheating on exams will not be tolerated. Students found cheating will have their exams confiscated and they will receive a zero for that exam.

Study Guides: Each Friday after lecture we will post on the web site outlines of the week's lectures including important concepts, definitions, scientists, etc. PowerPoints used to illustrate the lectures will also be posted Friday afternoon. These materials may be used as guides for preparing for exams, they are not a substitute for attending lecture.

Lecture Schedule: On the following page is a list of topics to be covered with approximate dates. We will try to keep to this schedule, although some topics may be expanded or contracted as your, and the instructor's, interests dictate. The examination dates are firm. The "teasers" refer to examples or ideas that will be discussed during lecture. They are not intended to represent all of the material to be covered.