Course ID: BIOL 3720L  3 hours. 6 hours lab per week.
Course Title: Field Animal Behavior

Course Description: Hands-on field study of animals living in diverse habitats. Illustrates behavior principles and provides experience with methods and techniques used in animal behavior research. Emphasis on data analysis and written communication of results.

Athena Title: Field Animal Behavior
Nontraditional Format: Taught as Study Abroad.
Prerequisite: BIOL 1108 and BIOL 1108L
Semester Course Offered: Offered summer semester every year.
Grading System: A-F (Traditional)

Course Objectives:

1. to learn various approaches and methodology used in field studies of animal behavior
2. to have first hand experience with diverse organisms, many of them unique
3. to explore a range of concepts fundamental to the field
4. to learn basic non-parametric statistical procedures commonly used in behavioral data analysis
5. to hone skills in written science communication

Topical Outline:

1. Animal behavior sampling methods
2. Foraging behavior
3. Courtship/Mating behavior
4. Territoriality
5. Predatory behavior
6. Preening behavior
7. Intraspecific and interspecific communication
8. Ethograms
9. Learning/conditioning
10. Spacing patterns
11. Data analysis