Course Outcome Summary

BIOL 252 Elements of Zoology

Course Information
Division: Science and Mathematics
Contact Hours: 90
Theory: 45
Lab Hours: 45
Total Credits: 4

Prerequisites: BIOL 151 Biological Sciences I

Course Description
A detailed study of invertebrate and vertebrate animals. Emphasis is placed on morphology and physiology, taxonomy, evolution, economics and ecology. Some of the more important cases under these topics will be discussed and explored. This course requires field work outside of the normal laboratory hours throughout the semester. Dissection of preserved animal specimens is required.

Course Outcomes
In order to evidence success in this course, students will be able to:

1. Achieve an understanding of how science and zoology influences our daily lives.
2. Describe how animals colonized land and evolved from colonial protozoa.
3. Achieve an understanding of animal structure and function.
4. Demonstrate an understanding of the classification of each phylum, including subphylum, class and order. Common names of organisms for each division should be learned.
5. Describe the evolutionary relationships between phyla.
7. Identify and apply the major taxonomic animal groupings.

Date Updated: 4/18
By: TR