Overview

Zoology provides undergraduate students seeking licensure or endorsement in secondary science education with an introduction to the field of zoology. Zoology includes the study of major animal phyla emphasizing characteristics, variations in anatomy, life cycles, adaptations, and relationships among the animal kingdom. A prerequisite for this course is Introduction to Biology.

Competencies

▶ Classification of Animal Phyla
  The graduate distinguishes the characteristics of animals to organize them into phyla.

▶ Variations in Anatomy
  The graduate analyzes the anatomies of animals to distinguish the relationships among organisms.

▶ Adaptation
  The graduate analyzes adaptations to recognize the impact on the evolution of phyla.

▶ Life Cycles
  The graduate analyzes the life cycles of animals to determine the relationships within and between phyla.

Learning

Getting Started

Welcome to Zoology! This course uses a McGraw-Hill SmartBook, where you can alternate between reading the text and answering questions about the reading. The interspersed questions will focus your studying on the important concepts and help you to store this information effectively in your memory. If you need help learning to use SmartBook, click on the tutor icon. Additionally, you will complete laboratory experiments from Hands-On Labs, which gives you the opportunity to examine and practice concepts learned. Course instructors are available to answer questions and discuss concepts covered in the course. Competency will be demonstrated by the successful completion of a performance assessment.

If you have not done so within a previous course, you will need to order your Biological Science LabPaq from Hands-On Labs. This LabPaq is a physical shipment and contains equipment and supplies needed to complete science experiments at home. The experiments reinforce the science content and teach laboratory techniques. The cost of the LabPaq is covered by your program lab fee.
Follow these instructions to order the Biological Science LabPaq. If you have ordered and received this LabPaq within a previous course, then there is no need to order another. Delivery of your LabPaq takes about 5-7 business days, so please order your LabPaq 1-2 weeks before starting your course to ensure you will have the supplies you need to complete the experiments. The contents of this LabPaq are used in four courses within your program: Molecular and Cellular Biology, Heredity and Genetics, Zoology, and Ecology and Environmental Science.

The packing list that comes with your kit WILL NOT allow you to do a full inventory because it won't list all the contents of the individual modules in your kit. Please use the packing list to do a complete inventory of your kit when it arrives. Inventory your kit WITHIN 30 DAYS of receiving it, and contact HOL Customer Service at 866-206-0773, option 3, if you are missing any items. If you don't feel like HOL is providing you with responsive customer service, please let your Program Mentor and/or Course Instructor know immediately.