

**LECTURE AND EXAM SCHEDULE\***

- Aug 21 Introduction, Ecology
- Aug 23 Ecology, Animals & the Environment
  
- Aug 28 Animals & the Environment
- Aug 30 Animal Structure / Architecture
  
- Sep 4 **QUIZ #1** (Overview - Environment); Animal Taxonomy
- Sep 6 Animal Taxonomy & Phylogeny
  
- Sep 11 Protozoans, Sponges
- Sep 13 FALL HOLIDAY
  
- Sep 18 Sponges, Cnidarians (Jellyfish & Corals)
- Sep 20 Ctenophores, Coral Reefs
  
- Sep 25 **QUIZ #2** (Ecology – Coral Reefs); Flatworms
- Sep 27 Flatworms, Roundworms
  
- Oct 2 Pseudocoelomate Animals, Molluscs
- Oct 4 Molluscs
  
- Oct 9 **QUIZ #3** (Flatworms - Molluscs); Segmented Worms (Annelids)
- Oct 11 Segmented Worms (Annelids); midterm review
  
- Oct 16 **MIDTERM EXAM**
- Oct 18 Arthropods (Trilobites, Horseshoe Crabs & Spiders)
  
- Oct 23 Arthropods (Crustaceans & Insects)
- Oct 25 Echinoderms, Other Groups (Deuterostomes)
  
- Oct 30 **QUIZ #4** (Arthropods - Deuterostomes); Chordates
- Nov 1 Vertebrate Form & Function
  
- Nov 6 Fish
- Nov 8 Amphibians
  
- Nov 13 **QUIZ #5** (Chordates - Amphibians) ; Reptiles
- Nov 15 Reptiles
  
- Nov 20 Birds
- Nov 22 THANKSGIVING HOLIDAY
  
- Nov 27 Birds, Mammals
- Nov 29 review
  
- Dec 4 Mammals, Genetics & Evolution
- Dec 6 **QUIZ #6** (Reptiles - Mammals); final review
  
- Dec 11 **FINAL EXAM**



"Well, of course I did it in cold blood, you idiot! ... I'm a reptile!"

**SUGGESTED READINGS**

ECOLOGY .....	Chapter 2
ANIMALS & ENVIRONMENT...	
ANIMAL ARCHITECTURE.....	Chapter 3
CLASSIFICATION .....	Chapter 4
PROTOZOANS .....	Chapter 5
SPONGES .....	Chapter 6
CNIDARIANS .....	Chapter 7
FLATWORMS .....	Chapter 8
ROUNDWORMS .....	Chapter 9
MOLLUSCS .....	Chapter 10
SEGMENTED WORMS .....	Chapters 11
ARTHROPODS .....	Chapter 12
ECHINODERMS & OTHERS ..	Chapter 13, 14
CHORDATES .....	Chapter 15
VERTEBRATE FORM & FUNCTION.....	Chapter 15
FISHES .....	Chapter 16
AMPHIBIANS .....	Chapter 17
REPTILES .....	Chapter 18
BIRDS .....	Chapter 19
MAMMALS .....	Chapter 20
DIVERSITY & EVOLUTION .....	Chapter 1

**COURSE OUTCOMES**

- The students should be able to achieve an understanding of: basic structure and function of animal cells; the phylogenetic position and the functional affinities of the three phyla - Protozoa, Porifera, and Cnidaria; life cycles and parasites of animals; the evolution, physiology, and ecology of fishes; the transition of aquatic life to terrestrial environments; the adaptation of vertebrates for flight; be able to relate man to the other mammals, and trace mammalian evolution and diversity
- The students should be able to relate the large animal phyla (Mollusca, Annelida and Arthropoda) to the diversity of animal life
- The students should be able to foresee the predictability of and the transition to the vertebrate animal types from their invertebrate ancestors

\*Subject to minor changes