

**Intermediate Zoology**  
**Bio 2411, Fall 2006**  
**Lecture: MWF 1:00 – 1:50P**  
**FAB 102**  
**Laboratory: M, W, or H 2:00P – 4:50P**  
**FAB 104**

**INSTRUCTOR:** Dr. Timothy H. Bonner

**OFFICE:** Room 206, Freeman Aquatic Biology Building

**PHONE:** 512-245-3549; 245-2284

**EMAIL:** [TBonner@txstate.edu](mailto:TBonner@txstate.edu) (preferred method of correspondence)

**OFFICE HOURS:** MWF 7:30A – 9:30A. Call or email and we can set a more convenient time.

**Course Description:** Provides biology majors a strong foundation in animal biology at the organismal level. The format will include details of animal form and function as well as concepts relating to classification, phylogeny, evolution, and ecology. Topics will include natural history, biogeography, adaptations to local environments, shared characters, and behavior. All material is presented in an accepted phylogenetic sequence. Prerequisites: Biology 1320 or 1421.

**Lecture Text:**

Hickman, C. P., Jr., L. S. Roberts, A. Larson. 2003. Animal diversity, 3rd edition. McGraw and Hill, Boston.

**Lab Text:**

Van De Graaff, K.M., and J.L. Crawley. 1998. A photographic atlas for the zoology laboratory. Morton Publishing Company, New York.

Hickman, C.P., F.M. Hickman, and L.B. Kats. 2001. Laboratory studies in integrated principles of zoology, 10th edition. McGraw-Hill, Boston.

**Attendance:** Regular attendance for lecture and laboratory is required and expected. If you miss a lecture session, it is your responsibility to obtain a copy of class notes and handouts. **My notes are not available for copy.** Students without regular attendance usually fail my courses.

**Conduct:** Inappropriate classroom behaviors include activated cellular phones and pagers, demands for special treatment, frequent episodes of leaving and then returning to the class, excessive tardiness, leaving lecture early, prolong chattering, reading newspapers during class, dominating discussions, and others.

**Academic Dishonesty:** Cheating in any form will not be tolerated (lecture or laboratory). See University Policy in undergraduate handbook.

**Grading:**

Lecture: 75% of final grade. Four exams worth 100 pts each for a total of 400 pts. No extra credit.

Lab: 25% of final grade. More information available in lab.

**Tentative Lecture Exam Schedule:**

Exam I – Sept 18

Exam II – Oct 16

Exam III – Nov 13

Comprehensive Final – TBA

*Students with special needs (as documented by the Office of Disability Services) should identify themselves at the beginning of the semester.*

**Lecture Course Outline:**

Introduction  
Animal Architecture  
Classification and Phylogeny  
Protista  
Porifera  
Cnidarians and Ctenophores  
Acoelomate Animals  
Pseudocoelomate Animals  
Mollusks  
Annelids  
Arthropods  
Other Protostomes and Lophophorates  
Echinoderms, Hemichordates, Chaetognaths  
Fishes  
Amphibians  
Reptiles  
Birds  
Mammals

**Other important dates:**

Sep 4 – Classes do not meet  
Sep 8 – Last day to drop with refund  
Sep 12 – Last day to drop with a "W"  
Nov 20 – Last day to drop with a "W" or "F"  
Nov 22 – 26 – No classes; Thanksgiving Vacation  
Dec 4 – Last day of class  
TBA – Final Exam

See Withdrawal Policy in the undergraduate catalog and schedule of classes for additional information.