



BIOLOGICAL SCIENCES 316

Vertebrate Biology

Summer 2011 (1114)

Instructor	Office	Phone	E-mail
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COURSE PREREQUISITES

BISC 101 and 102¹

COURSE DESCRIPTION

The biology, taxonomy, and evolution of vertebrates are reviewed. Organ systems and functions of principal adaptations are studied through comparative anatomy. Characteristics of fish, amphibians, reptiles, birds and mammals are examined to understand how vertebrates cope in different environments. Representative species are dissected and the anatomy and function of organ systems are examined in laboratory sessions.

REQUIRED TEXT

Lecture Textbooks: Pough, F.C., M. Janis and J. Heiser, 2009. Vertebrate Life. Prentice Hall, New Jersey, 8th Edition. (required)

Laboratory Textbook: Wischnitzer, S. 2007. Atlas and dissection guide for comparative anatomy, W.H. Freeman and Co., New York, 6th Edition. (required)

COURSE FEES: TBA

EXAMS AND MARK ALLOCATION

Lectures	65%	Laboratory	35%
Midterm Exam	27%	Lab Midterm	15%
Final Exam	38%	Lab Final	20%

Lectures begin May 9, 2011.

Laboratory sessions begin in week of May 16, 2011.

¹Prerequisite Minimum Grade Requirement: Unless stated, a grade of C- or better is required on all Prerequisite BISC & MBB courses.