

CLASS SYLLABUS

BIOL 3820 Vertebrate Zoology Fall 2020

CLASS TIME: MW: 2:00 - 3:15 p.m.

LABORATORY: F: 12:00 – 2:50 p.m.

INSTRUCTOR: Dr. Colleen McDonough

OFFICE HOURS: **Monday 3:15-4:00 p.m., Wednesday 11:00 a.m.-12:00 p.m., F 3:15 – 4:00 p.m.**, can stop by at other times - just not before lectures or labs. Check schedule on my office door.

OFFICE: 2086 Bailey Science Center

PHONE: 333-5759 (main office), 333-5764 (my office)

EMAIL: cmcdonou@valdosta.edu

COURSE OBJECTIVES:

This course will:

- address diversity within each vertebrate class
- cover major trends or adaptations within organ systems
- identify the taxonomy and phylogeny of the different animals studied
- address natural history within each group studied

Standards

VSU General Education Outcomes on webpage:

(<http://www.valdosta.edu/academic/VSUGeneralEducationOutcomes.shtml>) This course meets outcomes 1. and 4.

Department of Biology Educational Outcomes. This course meets outcome 1 and 2.

PREREQUISITES: BIOL 1107, 1108 or permission of instructor

REQUIRED TEXT: Vertebrate Life, 10th Edition, F. Harvey Pough and Christine M. Janis, Sinaur Associates, New York

COURSE POLICY:

Attendance: While I do not take attendance in lecture, you should come. It is difficult to learn lecture material from someone else's notes. My powerpoints mostly consist of images and I do not post them. If you miss class, get the notes from someone who attended. You should be writing the notes down and drawing the figures because of hand memory.

Important note: If you want to record the lectures or me, you need my permission.

Laboratory attendance is required. Attendance will be taken at the beginning and end of class. During lab, I may stop to explain something. Because of this, you will need permission to leave lab room.

It is university policy that if you miss 20% of your classes you fail the course. In this case if you miss 20% of the laboratories (more than 2 absences) you will fail the lab section of this course.

Because science is an activity, you cannot get credit for laboratories that you missed.

Tentative weekly Lecture Schedule – sections in book are subject to change

Week of

Aug 17 Introduction to group, origins, hemichordates, urochordates, cephalochordates- overview, phylogeny,

Aug 24 Introduction continued, jawless fishes cartilaginous fishes

August 31 Cartilaginous fishes, bony fish - Sarcopterygii

Sept 7 Bony fishes – Actinopterygii

Sept 14 Bony fishes, Actinopterygii

Sept 21 Tetrapod origins, amphibians

Sept 28 Amphibians, Amniotes

Oct 5 Amniotes

Oct 12 Turtles, squamates

Oct 19 Squamates, crocodylians,

Oct 26 Diapsids, avian origins

Nov 2 Birds

Nov 9 Birds, Mammals

Nov 16 Mammals

Nov 23 (Test 3)

Test 1 – September 16th - Wednesday

Test 2 - October 19th - Monday

Test 3 November 23rd - Monday

Test 4 Final – Cumulative - on line, emailed with a time limit or take home.

Tentative weekly Laboratory Schedule –

Week

Aug 22 – Introduction to powerpoint notebook.

Aug 29 – M