

ZOO 3713c COMPARATIVE VERTEBRATE ANATOMY Spring 2022 Syllabus

Instructor: Mr. Frank T. Logiudice
Office: Biology Building 2, Room 202 C
Office Phone Number: (407)-823-2495
Email Address: Frank.Logiudice@ucf.edu
GTA: Jennifer Bouchenot and Allison Malay
UTA: Deanna Wesenberg

Required Materials: 1) *Comparative Vertebrate Anatomy*, found on Webcourses
<https://webcourses.ucf.edu/courses/1369842/pages/text-book>
2) Lab Book and Atlas found on Webcourses
<https://webcourses.ucf.edu/courses/1369842/pages/cva-lab-manual>
<https://webcourses.ucf.edu/courses/1369842/pages/cva-atlas>

Grades:

The student's grade will be determined by both lecture and laboratory performance.

Lecture: four lecture exams (worth 100 points each). Total lecture points available is 400.

Lab: three lab exams (worth 100 points each), the 20 best quizzes (out of 23, 30 pts total) and two dissection proficiencies (worth 10 points each).

Total Lab points available is 350.

Total possible points for the course is 750

Grading Scale:

A = 750 -> 675

B = 674 -> 600

C = 599 -> 525

D = 524 -> 450

F = 449 -> 0

Note: +/- grades are not used in this class.

Academic Honesty:

Refer to the UCF Golden Rule which will be rigidly adhered to.

Attendance:

Due to the volume of material presented during this course good attendance is essential! You alone are responsible for all missed work.

The class is a traditional Live-In-Person Lecture. However, if the situation changes due to the ongoing pandemic you will be notified of any changes as soon as is possible.

Lab sessions will occur on campus in BIO 105 during our scheduled times. If the COVID-19 pandemic requires that to be changed, you will be notified as soon as possible

Make - Up Policy:

Lab exams will not be made up under any circumstances.
Lecture exams may be made up at the instructor's discretion. (Note: Such is a rare event.)

Preparation:

You are expected to be prepared for every class. That includes reading all assigned materials before each lecture and lab session.

Important Dates: Add Deadline – January 14
Drop Deadline – January 14
Withdrawal Deadline – March 25

Office Hours: W and F 12:30-2:00 and by appointment

Disposal of Lab Waste: Animal flesh and gloves will be placed into separate, labeled containers during the lab period and removed from the lab for delivery to a professional waste removal company.

NOTE: At the discretion of the instructor a student who does not adequately participate in the dissection portion of the lab may be penalized by not being allowed to attend the proficiency section or, in extreme cases, take the exam on that material. In such an extreme case the student will be awarded a grade of 0/100.

NOTE 2: At the writing of the syllabus there was some question as to what anatomical specimens would be available for the semester and their relative quantities. This results in the possibility of a change in the lab specimen assignments. You will be notified as soon as possible if that occurs.

LECTURE OUTLINE

Week	Subjects	Text Chapters
Jan 9	Introduction, Histology	1 & 3
Jan 16	Integumentary System	4
Jan 23	Skeletal Tissues, Axial Skeleton	5, 6
Jan 30	Axial Skeleton (cont.)	6
Feb 6	Appendicular Skeleton	7
Feb 13	Vertebrate Muscles	8
Feb 20	Nervous System	9
Feb 27	Nervous System (cont.), Special Senses	9, 10
Mar 6	SPRING BREAK	
Mar 13	Special Senses (cont.), Endocrine System	10, 11
Mar 20	Digestive System	12
Mar 27	Digestive System (cont.)	12
Apr 3	Respiratory System	13
Apr 10	Circulatory System	14
Apr 17	Urogenital System	15
Apr 24	Urogenital System (cont.)	15

Tentative Lecture Exam Schedule

<u>Lecture Examination</u>	<u>Date</u>	<u>Lecture Exam Material</u>
One	Jan 31	Ch. 1, 3, 4, 5
Two	Feb 23	Ch. 6, 7, 8
Three	Mar 21	Ch. 9, 10, 11
Four	April 27 (1:30-2:30)	Ch. 12, 13, 14, 15

LAB COURSE OUTLINE
Unit 1: Osteology of the Shark, Mudpuppy, and Cat

Topic -The osteology of the shark, mudpuppy, and cat – Ch 1 + Introduction.

Study Dates –11 January through 25 January

Notable dates -

Lab Practical 1 is on 27 January

Unit 2: Myology of the Shark, Tiger Salamander/Mudpuppy, and Rat

Topic -The myology of the mudpuppy and shark – Ch 2; Ratlas Myology

Study Dates –1 February through 8 March

Notable dates - Dissection Proficiency Evaluations will be held on 15 March (Dissections should be completed by 3 March.)

Lab Practical 2 is on 17 March

Unit 3: Angiology and Visceral Organ Systems of the Shark, Leopard Frog, and Rat

Topic -The circulatory system and visceral organ systems of the shark.

and mudpuppy - Ch 3; Ratlas and Leopard Frog Dissection Manual: Angiology and Visceral Organs

Study Dates – 22 March through 19 April

Notable dates - Dissection Proficiency Evaluations will be held on 19 April
(Dissections should be completed by 14 April.)
Lab Practical 3 is on 21 April

NOTE: The dates for these exams may need to be changed as the semester progresses.
If such becomes necessary, you will be notified at the earliest possible time.

Mask Wearing in Class – Masks wearing is strongly encouraged in lecture. For your own safety and for the safety of your classmates, as the pandemic continues in our region, I strongly urge you to take that necessary precaution. As biology majors you are all future scientists and I expect you to use science in making this decision.
Masks will be required in lab. It became apparent when dissecting with a mask on last term that masks add another degree of difficulty. One of the purposes of the lab is to prepare you with the skills and techniques that you will need in a professional health program post-UCF. The use of masks will help to better prepare you for these future endeavors.

Required Statement Regarding COVID-19

To protect members of our community, everyone is required to wear a facial covering inside all common spaces including classrooms (<https://policies.ucf.edu/documents/PolicyEmergencyCOVIDReturnPolicy.pdf>). Students who choose not to wear facial coverings will be asked to leave the classroom by the instructor. If they refuse to leave the classroom or put on a facial covering, they may be considered disruptive (please see the [Golden Rule](#) for student behavior expectations). Faculty have the right to cancel class if the safety and well-being of class members are in jeopardy. Students will be responsible for the material that would have been covered in class as provided by the instructor.

Depending on the course of the pandemic during the semester, the university may make changes to the way classes are offered. If that happens, please look for announcements or messages in Webcourses@UCF or Knights email about changes specific to this course.

COVID-19 and Illness Notification – Students who believe they may have a COVID-19 diagnosis should contact UCF Student Health Services (407-823-2509) so proper contact tracing procedures can take place.

Students should not come to campus if they are ill, are experiencing any symptoms of COVID-19, have tested positive for COVID, or if anyone living in their residence has tested positive or is sick with COVID-19 symptoms. CDC guidance for COVID-19 symptoms is located here: (<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>)

Students should contact their instructor(s) as soon as possible if they miss class for any illness reason to discuss reasonable adjustments that might need to be made. When possible, students should contact their instructor(s) before missing class.

In Case of Faculty Illness – If the instructor falls ill during the semester, there may be changes to this course, including having a backup instructor take over the course. Please look for announcements or mail in Webcourses@UCF or Knights email for any alterations to this course.

Course Accessibility and Disability COVID-19 Supplemental Statement –

Accommodations may need to be added or adjusted should this course shift from an on-campus to a remote format. Students with disabilities should speak with their instructor and should contact sas@ucf.edu to discuss specific accommodations for this or other courses.