

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](mailto:Frank.Logiudice@ucf.edu)

**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.

**Discussion:** 14 quizzes (worth 10 points each) and the 12 best quizzes count. Total Discussion points is 120.

Total possible points for the course is 520

Grading Scale:

A = 520 -> 468

B = 467 -> 415

C = 414 -> 362

D = 361 -> 309

F = 308 -> 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 discussion section is a Live-Synchronous-Virtual Course.

The discussion will be conducted live during class days. As of now, I plan to lecture in the Conference Tool on webcourses

(<https://webcourses.ucf.edu/courses/1369842/conferences>).

It is my plan to have the discussions recorded so that you may review them at your leisure, use them to prepare for the lab (for those in ZOO 3713L), or to catch up if you missed a class. I am aware that that will make skipping class tempting.

I strongly urge you to attend the discussions. That will be your best time to clear up any questions that you have on the material. Also, to be blunt, I will notice who is attending and who is not. That may make a difference if you are "borderline" at the end of the term.)

**Make - Up Policy**

Lecture exams may be made up at the instructor's discretion. (Note: Such is a rare event.)

Discussion quizzes will not be made up under any circumstances. Since the lowest two are dropped any missed quiz will be part of the dropped scores.

**Preparation:**

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

**Important Dates:** Add Deadline – January 13  
 Drop Deadline – January 13  
 Withdrawal Deadline – March 24

**Office Hours:** M,W, and F 2:00 to 3:00 and by appointment

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**LECTURE OUTLINE**

<b>Week</b>	<b>Subjects</b>	<b>Text Chapters</b>
Jan 8	Introduction, Histology	1 & 3
Jan 15	Integumentary System	4
Jan 22	Skeletal Tissues, Axial Skeleton	5, 6
Jan 29	Axial Skeleton (cont.)	6
Feb 5	Appendicular Skeleton	7
Feb 12	Vertebrate Muscles	8
Feb 19	Nervous System	9
Feb 26	Nervous System (cont.), Special Senses	9, 10
Mar 5	Special Senses (cont.), Endocrine System	10, 11
Mar 12	SPRING BREAK	
Mar 19	Digestive System	12
Mar 26	Digestive System (cont.)	12
Apr 2	Respiratory System	13
Apr 9	Circulatory System	14
Apr 14	Urogenital System	15
Apr 23	Urogenital System (cont.)	15

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**Tentative Lecture Exam Schedule**

<b><u>Lecture Examination</u></b>	<b><u>Date</u></b>	<b><u>Lecture Exam Material</u></b>
One	Jan 30	Ch. 1, 3, 4, 5
Two	Feb 22	Ch. 6, 7, 8
Three	Mar 10	Ch. 9, 10, 11
Four	April 28 (10:30-11:30)	Ch. 12, 13, 14, 15

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## **DISCUSSION OUTLINE**

<b>Date</b>	<b>Topic</b>
10 Jan	Osteology, basic skeletal features and terminology, vertebrae and ribs
17 Jan	Osteology, the skull and visceral skeleton in the shark, mudpuppy, and cat
24 Jan	Osteology, the appendicular skeleton in the shark, mudpuppy, and cat
31 Jan	Introduction to the Pressing Technique of Muscle Dissection
7 Feb	Introduction to Techniques of Superficial Muscle Dissection
14 Feb	Introduction to Techniques of Deep Muscle Dissection
21 Feb	Myology in the Cat
28 Feb	Myology in the Mudpuppy
7 March	Myology in the Shark
21 March	Introduction to Techniques of Visceral Organ Dissection
28 March	Introduction to Techniques of Blood Vessel Dissection
4 April	Overview of the Circulatory System in the Shark, Mudpuppy, and Cat
11 April	Overview of the Visceral Organ Systems in the Shark, Mudpuppy, and Cat
18 April	Overview of the Urogenital Systems in the Shark, Mudpuppy, and Cat

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