

FALL 2021
PHYSIOLOGY OF MAMMALS, VME 5244

Monday and Wednesday 3-5 PM
 PHYSIOLOGICAL SCIENCES
 Classroom: HPNP G-307

Course Coordinator: Dr. John Bowden
Email: john.bowden@ufl.edu
Phone: 294-4063
Office: BSB 3-25 (office hours upon request)

	Date	Topic	Instructor
Monday	8/23/2021	Introduction to Cell Physiology	Davenport
Wednesday	8/25/2021	Introduction to Cell Physiology	Davenport
Monday	8/30/2021	Nervous System	Davenport
Wednesday	9/1/2021	Nervous System	Davenport
Wednesday	9/8/2021	Nervous System/Autonomic Nervous System	Davenport/Mickle
Monday	9/13/2021	Musculoskeletal Physiology	Davenport
Wednesday	9/15/2021	Musculoskeletal Physiology	Davenport
Monday	9/20/2021	Exam 1	Take home
Wednesday	9/22/2021	Endocrinology	Cooke
Monday	9/27/2021	Reproduction	Mesa
Wednesday	9/29/2021	Endocrinology/Reproduction Presentation	Cooke
Monday	10/4/2021	Endocrine Disruption	Denslow
Wednesday	10/6/2021	Gastrointestinal Physiology	Vulpe
Monday	10/11/2021	Gastrointestinal Physiology	Vulpe
Wednesday	10/13/2021	Respiratory Physiology	Davenport
Monday	10/18/2021	Respiratory Physiology	Davenport
Wednesday	10/20/2021	Respiratory Physiology	Davenport
Monday	10/25/2021	Respiratory Physiology	Davenport
Wednesday	10/27/2021	Skin Physiology/Wound Healing and Regeneration	Zomer
Wednesday	10/27/2021	Exam 2	Take Home
Monday	11/1/2021	Cardiovascular Physiology	Davenport
Wednesday	11/3/2021	Cardiovascular Physiology	Davenport
Monday	11/8/2021	Cardiovascular Physiology	Davenport
Wednesday	11/10/2021	Cardiovascular Physiology	Davenport
Monday	11/15/2021	Renal Physiology	Bolser
Wednesday	11/17/2021	Renal Physiology	Bolser
Monday	11/29/2021	Renal Physiology	Bolser
Wednesday	12/1/2021	Renal Physiology	Bolser
Monday	12/6/2021	Presentations	Students
Wednesday	12/8/2019	Exam 3	Take home

TEXT: Physiology- 6th or 7th Edition by Berne, Levy, Koeppen & Stanton

ACCESS VIA UF LIBRARY: <http://ufl.ebib.com/patron/FullRecord.aspx?p=4789496>

Additional (not required) Text: Animal Physiology: An Environmental Perspective, by Patrick J. Butler (Author), J. Anne Brown (Author), D. George Stephenson (Author), John R. Speakman (Author) – Amazon (\$80): <https://www.amazon.com/Animal-Physiology-an-environmental-perspective/dp/0199655456>

GRADING:

Course grading is based on three exams and one student presentation all equally weighted (100 points each = 400 points). Exams will be a combination of multiple choice and short answer. Exams are scheduled as “take home” and will cover the topics from the preceding lectures only and will be due by 5 PM on the designated date (9/24, 11/1, 12/10; for exam 1, 2, and 3, respectively). Presentation topics will cover physiology topics not covered in the class (the student will give a 20-min lecture on their topic).

Grading Scheme

Course grades will be assigned based on the following grading scheme. This grading scale is **final**.

Letter	% Scale
A	100.00 – 94.00
A-	93.99 – 90.00
B+	89.99 – 87.00
B	86.99 – 84.00
B-	83.99 – 80.00
C+	79.99 – 77.00
C	76.99 – 74.00
C-	73.99 – 70.00
D+	69.99 – 67.00
D	66.99 – 64.00
D-	63.99 – 61.00
E	60.99 – 0

Course Policies

Attendance will be recorded. All absences need to be approved by the instructor.

UF students are bound by The Honor Pledge which states: “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.”

The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honorcode/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor in this class.”

Curriculum Policies

DVM curriculum policies are consistently held and reinforced across all DVM courses. Please visit the DVM webpage and review the curriculum policies listed within the [Online Student Handbook](#).

Students with Accommodations

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center by visiting www.disability.ufl.edu/students/get-started. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester. **Students in UF Health Sciences programs should be mindful that unique course accommodations may not be applicable in a clinical, fieldwork or practicum setting. Thus, planning a semester in advance with the DRC Health Sciences Learning Specialist, Lisa Diekow ldiekow@ufsa.ufl.edu, is highly encouraged.**

The DRC is located on the main UF campus. ASA (Office for Academic and Student Affairs) works closely with the DRC to ensure student accommodations are met in the classroom and during exams. Melissa Cox in ASA assists in coordinating exams and meeting recommended disability-related requirements for students with accommodations (melissacox@ufl.edu).

Course and Instructor Evaluation

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available on the [GatorEvals Webpage](#). Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via the [Online Platform](#). Summaries of course evaluation results are available to students at the [GatorEvals Public Results Webpage](#)

Copyright Policy

“Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. *Specifically, students may not publish recorded lectures without the written consent of the instructor.*

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.”