

The University of New Mexico Valencia Campus
Fall 2020



Anatomy & Physiology I Laboratory
BIOL 2210L

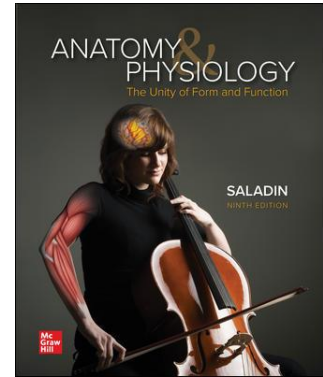


VALENCIA

Tuesday 10:30 – 1:15 – H113
Dr. Melanie Sanchez-Dinwiddie

Welcome

Welcome to Anatomy & Physiology I Laboratory! This lab is designed to accompany BIOL 2210, the lecture course of Anatomy & Physiology. While both courses cover A&P, in general, the lab will have more anatomy and the lecture will have more physiology.



Finding Dr. Sanchez?

Email: MELASANC@UNM.EDU

Office: H100A

Where's Dr. Sanchez?

Mondays, Wednesdays and

Thursdays – working from home

Tuesdays – in class

Talk to Me Time (Office Hours)

Mondays, Wednesdays and

Thursdays 3:00-5:00pm

<https://unm.zoom.us/j/97813968389>



Student Learning Objectives

By the end of this course you will be able to....

1. Apply the scientific method correctly.
2. Collect, analyze, and interpret scientific data.
3. Use laboratory equipment, such as a microscope, correctly and safely.
4. Analyze the structure of cells, cell membranes, and cell organelles with respect to their respective physiological roles.
5. Identify the anatomical components of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, and illustrations.
6. Describe the functional characteristics of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, and illustrations.
7. Analyze the physiological processes of the integumentary, skeletal, muscular, nervous systems and the body's senses.

Course Policies

Attendance. Attendance is necessary for you to participate in lab as well as fully understand the material presented. This means getting to class on time and completing the exercises covered. If you are more than 2 minutes late, you will be marked absent. Attendance is a means of contact tracing for coronavirus exposures. I will be very diligent about taking attendance.

Cell phones. As a courtesy to the class, please turn off all cell phones. Any sight of your cell phone during exams and quizzes will result in automatic fail for that assignment.



Cheating. There has been a history of cheating in this course. You will be docked significantly in your final course grade and/or reported to the Dean of Instruction if you are caught. If I don't catch you, someone else will.

Coronavirus safety. You have the ability to prevent the spread of COVID-19 and to preserve the health of fellow students, your instructor, staff and the community by following UNM health protocols. The UNM Provost Administrative Directive on Mandatory Student Face Covering and Symptom Reporting of July 9, 2020 requires that all students on UNM-Main and UNM branch campuses wear face masks in the face-to-face classroom and on campus unless they have a specific mask accommodation (confidentially documented with the Accessibility Resource Center). UNM Provost Administrative Directive is consistent with Governor Lujan Grisham's Public Health Emergency Order as amended, and the Public Health Order of the New Mexico Health Secretary. It also requires daily participation in symptom screening through covidscreen, which will be sent via UNM e-mail. You will be required to wear a mask at all times. You must sit as far as possible from your classmates. Do not sit directly across from a classmate. Wash your hands as you enter class. Wash your hands after you touch materials. And wash your hands before you leave. After you touch a model spray the model with ethanol or wipe it using spray and wipes.

Family Educational Rights and Privacy Act (FERPA). The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. FERPA does not allow disclosure of grades over email as it is not possible to authenticate identity through this medium. FERPA does not allow me to discuss your grade with anybody but yourself.

Financial Assistance. It is your responsibility to know policies for funding your education. It is your responsibility to maintain funding for your education.

Course Policies Continued

Food and Drink. There will be NO Food or Drink in the lab room. Water bottles are considered a drink.

Make-up Exams/Quizzes. There are no make-up exams or quizzes. We have a condensed semester and every point will be important.

Students with disabilities. If you have documentation describing academic adjustments you are eligible for, please see me to ensure your needs are met in a timely manner.

University Policy. You are responsible for knowing all university policies in the UNM Student Handbook – The Pathfinder, <https://pathfinder.unm.edu/>. This includes policy on academic misconduct, plagiarism, and grade options. You are responsible for maintaining your scholarship or funding for your education.

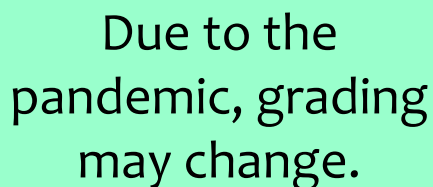
UNM Learn. All materials for this class will be distributed through UNM Learn (learn.unm.edu). You are responsible for all material distributed here. The due dates and due times are strictly enforced.

➤ **Withdrawal.** Students cannot automatically withdraw after Friday, November 6th. The grade earned after this date is either a W or F.

Required Learning Resources

Lab Manual: Anatomy & Physiology: The Unity of Form and Function Laboratory Manual by Wise, 2021, 9th edition. McGraw Hill Publisher. You will also need access to Anatomy & Physiology Revealed. You will access to APR through McGraw-Hill Connect. If you purchased the 8th edition in Spring 2020 your access will roll over.

Course Grading Policy



Due to the
pandemic, grading
may change.

Attendance	5%
APR Quizzes	20%
In-class Quizzes #1-4	30%
Midterm Exam	20%
Final Exam	25%

Weekly Schedule

August 18	Week 1	#2 #5 #6	Organs, Systems, and Organization of the Body Tissues Integumentary System
September 1	Week 3 Quiz #1	#7 #8	Introduction to the Skeletal System Axial Skeleton
September 15	Week 5 Quiz #2	#9 #10	Appendicular Skeleton Joints
September 29	Week 7		Midterm Exam 10:30-11:45
October 6	Week 8	#11 #12 #13 #14	Axial Muscles: Head and Neck Axial Muscles: Trunk Appendicular Muscles: Upper Limb Appendicular Muscles: Lower Limb
October 20	Week 10 Quiz #3	#16 #17	Nervous Tissue, the Spinal Cord, and Spinal Nerves The Brain and Cranial Nerves
November 10	Week 13 Quiz #4	#19 #20 #21 #22	Cutaneous Senses Taste and Smell Eye and Vision Ear, Hearing, and Equilibrium
November 24	Week 15		Final Exam 12:00-1:15

Due to the pandemic, this
schedule may change
drastically.