

CSAT 5030 Basic Histology Fall 2020

CLASS DAYS and TIME: Mondays 1:00 -2:50 PM, Wednesdays 11:00 – 11:50 AM, Thursdays 9:00 – 10:50 AM and 1:00 -1:50 PM from August 26 to October 22, 2020

CLASSROOM: Online, except exams in MED 2.211C

COURSE FACULTY: Course Director: Dr. Pamela Larsen

OFFICE HOURS: By email, please schedule a date and time to meet. I am happy to meet with you and scheduling an individual office hour allows us to be efficient with your time and mine (no waiting or missed drop-ins).

EMAIL: Dr. Pamela Larsen larsenp@uthscsa.edu

TELEPHONE NUMBERS: Dr. Pamela Larsen 210-567-0608

READ THIS DOCUMENT CAREFULLY - YOU ARE RESPONSIBLE FOR ITS CONTENTS.

COURSE DESCRIPTION AND OBJECTIVES

Pre-requisites – None

Semester credit hours – 1 credit hour for successful completion of the course

Objectives - By the end of this course, each student should be able to:

1. Describe basic cell structures and functions.
2. Describe the microscopic structures of the basic tissues and be able to identify specific structures on microscopic images.
3. Describe the microscopic structures of four specialized tissues and be able to identify specific structures on microscopic images.
4. Demonstrate comprehension of basic functions and structural relationships to features of the four basic and four specialized tissues.
5. Demonstrate the ability to use a variety of resources for completion of the laboratory assignments which involves answering questions, solving problems and thinking critically to arrive at a decision.

COURSE ORGANIZATION

This is an 8 week course which is composed of two parts: lecture and lab. Attendance in both is required. Canvas is the course management program that will be used to distribute materials, official course notices and announcements, as well as the means for submission of the completed laboratory assignments.

Materials –Textbook and virtual microscope slide images for the lab.

Computer Access – Computer to access university email and Canvas course management webpage. A computer will be required during lab to complete the assignment.

Reading Assignments – To be provided via Canvas and/or email as PDFs of research publications, reviews or book chapters.

ATTENDANCE

Attendance at each class session for the entire class period is mandatory. More than **one** unexcused absence will result in a 5% penalty on the final score for each missed class. Makeup of excused absences is allowed at the discretion of the Course Director.

Excused absences may be granted, at the discretion of the Course Director. Any request for an excused absence should be emailed to the Course Director and should include details regarding the circumstances and specific dates. For pre-scheduled events, students must provide the request at least one week before the absence to the Course Director. In case of illness or personal emergency, please notify the Course Director prior to the beginning of the class or as soon as possible. The Course Director will evaluate each absence on a case-to-case basis to determine whether it is excused or unexcused.

If a student requests an absence for religious observances (which must meet the policy requirement of the University), he/she must notify the Course Director and file the appropriate form (Notification of Planned Absence to Observe a Religious Holiday) within the first 10 calendar days of the course. The student is responsible for obtaining the form from the Registrar's Office, completing it and organizing to meet with the Course Director to have it signed and dated. Per University policy, the Course Director will stipulate a reasonable time within which the student must complete the missed course activities for that day.

TEXTBOOKS

Required: *Junqueira's Basic Histology: Text and Atlas* by Dr. Mescher, McGraw-Hill Professional, 13th or 14th Edition

Recommended: None

GRADING POLICIES AND EXAMINATION PROCEDURES

Four items will be graded: laboratory submissions, peer-grading of laboratory assignments (anonymously), Exam 1 and Exam 2. On time submission is required. Late submission will result in 5 points deduction for each occurrence. Unexcused absence, as determined by the course director will result in deduction of 10 points from the score for that topic. Partial unexcused absence will lead to a deduction of 5-10 points for that topic, as determined by the course director.

Grading System

For graded items, the student's individual score for each topic from a possible 100 points will be displayed on Canvas. For calculation of the final course score, the weighting of the graded items will be: 40% Exam 1, 40% Exam 2 and 20% quality of laboratory assignment submission and grading, with equal weight given to each of the ten topics. The conversion of the final score to a letter grade will be:

- A for 90 to 100 points
- B for 80 to 89 points
- C for 70 to 79 points
- D for 60 to 69 points
- F for 59 or less points

The final letter grade for the course may be based on a curve.

REQUESTS FOR ACCOMODATIONS FOR DISABILITIES

In accordance with policy 4.2.3, **Request for Accommodation Under the ADA and the ADA Amendments Act of 2008 (ADAAA)**, any student requesting accommodation must submit the appropriate request for accommodation under the American with Disabilities Act (ADA, form 100). to his/her appropriate Associate Dean of their School and a copy to the ADA Coordinator. Additional information may be obtained at <http://uthscsa.edu/eeo/request.asp>.

ACADEMIC INTEGRITY AND PROFESSIONALISM

Any student who commits an act of academic dishonesty is subject to discipline as prescribed by the UT System Rules and Regulations of the Board of Regents. Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an exam for another person, signing attendance sheets for another student, and any act designed to give unfair advantage to a student or the attempt to commit such an act. Additional information may be obtained at <http://catalog.uthscsa.edu/generalinformation/generalacademicpolicies/academicdishonestypolicy/>

TITLE IX AT UTHSCSA

Title IX Defined:

Title of the Education Amendments of 1972 is a federal law that prohibits sex discrimination in education. It reads “no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.”

University of Texas Health Science Center San Antonio’s Commitment:

University of Texas Health Science Center San Antonio (UTHSCSA) is committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, UTHSCSA does not discriminate on the basis of sex in its education programs and activities, and it encourages any student, faculty, or staff member who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to immediately report the incident to the Title IX Director.

In an emergency, victims of sexual abuse should call 911. For non-emergencies, they may contact UPD at 210-567-2800. Additional information may be obtained at <http://students.uthscsa.edu/titleix/>

EMAIL POLICY

Every student is issued a University email address and account at the time of enrollment (i.e. your livemail.uthscsa.edu account). This account will be the official means of communications between students and faculty and as a matter of University Policy is considered official business. Missed communications due to inadequate monitoring of incoming emails on the University’s email server will not be a valid excuse for unsatisfactory academic progress.

USE OF RECORDING DEVICES

Recording of lectures or other learning activities during class sessions is not allowed by any means, e.g. video, audio, etc. An exception may be permitted by the Course Director if a request at least 24 hours before class is agreed upon or if required for compliance with Americans with Disabilities Act (ADA).

ELECTRONIC DEVICES

Use of laptops or tablets is allowed during class for Basic Histology course content only. Please do not engage in use of social media, play games, surf the web or shop during class. Furthermore, use of cell phones or smartphones for conversations or texting during lecture or lab is strictly prohibited. You need to silence your phones or turn them off during lecture and lab sessions. Any student in violation of this policy may be excused from the learning environment and marked absent for the day, if disruption of learning occurs.

**CSAT 5030 Basic Histology
Schedule for Fall 2020**

Online except for exam inRoom MED 2.211C

Week	Day	Time	Date	Topic	Class activity
1	Wed	11:00 – 11:50 AM	Aug 26	Histology Course Orientation Cytoplasmic Structures and Functions	1 hr lecture
	Thurs	9:00 – 10:50 AM	Aug 27	Cytoplasmic Structures and Functions Lab	2 hr lab
		1:00 -1:50 PM	Aug 27	Nucleus, Mitosis, Meiosis and Cell Type Development	1 hr lecture
2	Mon	1:00 -2:50 PM	Aug 31	Nucleus, Mitosis, Meiosis and Cell Type Development Lab	2 hr lab
	Wed	11:00 – 11:50 AM	Sept 2	Epithelial Tissue	1 hr lecture
	Thurs	9:00 – 10:50 AM	Sept 3	Epithelial Tissue Lab	2 hr lab
3	Mon		Sept 7	No Class- holiday	
	Wed	11:00 – 11:50 AM	Sept 9	Muscle Tissue	1 hr lecture
	Thurs	9:00 – 10:50 AM	Sept 10	Muscle Tissue Lab	2 hr lab
		1:00 -1:50 PM	Sept 10	Nerve Tissue	1 hr lecture
4	Mon	1:00 -2:50 PM	Sept 14	Nerve Tissue Lab	2 hr lab
	Thurs		Sept 17	Independent Study	
	Mon	1:00 -2:50 PM	Sept 21	Exam 1 (materials from Aug 26 - Sept 14)	2 hr
5	Wed	11:00 – 11:50 AM	Sept 23	Connective Tissue Proper	1 hr lecture
	Thurs	9:00 – 10:50 AM	Sept 24	Connective Tissue Proper Lab	2 hr lab
		1:00 -1:50 PM	Sept 24	Bone	1 hr lecture
	Mon	10:00 A – 12:50 PM	Sept 28	Post-exam 1 Individual Reviews	3 hr
6	Mon	1:00 -2:50 PM	Sept 28	Bone Lab	2 hr lab
	Wed	11:00 – 11:50 AM	Sept 30	Cartilage and Osteogenesis	1 hr lecture
	Thurs	9:00 – 10:50 AM	Oct 1	Cartilage and Osteogenesis Lab	2 hr lab
		1:00 -1:50 PM	Oct 1	Blood and Hematopoiesis	1 hr lecture
7	Mon	1:00 -2:50 PM	Oct 5	Blood and Hematopoiesis Lab	2 hr lab
	Wed	11:00 – 11:50 AM	Oct 7	Lymphatic System	1 hr lecture
	Thurs	9:00 – 10:50 AM	Oct 8	Lymphatic System Lab	2 hr lab
8	Tues	9:00 – 10:50 AM	Oct 20	Exam 2 (materials from Sept 23 - Oct 8)	2 hr
				Student Course Evaluation	
	Tues	9:00 – 11:50 PM	Oct 22	Post-exam 2 Individual Reviews	3 hr

CLASS DAYS and TIME:

Mondays 1:00 -2:50 PM,

Wednesdays 11:00 – 11:50 AM,

Thursdays 9:00 – 10:50 AM and 1:00 -1:50 PM

from August 26 to October 15, 2020