



Shatt Al-Arab University
College of Science
Pathological Analysis Sciences

Human histology Course Description

Shatt Al-Arab University	Educational Institution .1
Pathological Analysis Sciences	Scientific Department .2
human histology PATH-211	Course Name / Code .3
Basic Educational Activity	Available Attendance Forms .4
Semester	Semester / Year .5
150	Total Study Hours .6
2026\7\20	Date of Preparation of This .7 Description
.8 Course Objectives The human histology course aims to: 1.study the structure and classification of the different human body tissues. 2.understand the microscopic characteristics of each type of human tissue. 3.explain the major functions of tissues and their relationship to the functions of different organs. 4.identify the distribution and location of tissues within the organs and systems of the human body. 5.develop students' practical skills in using the light microscope and examining histological slides. 6.enable students to identify and diagnose different tissue types based on their microscopic features in the laboratory. 7.relate tissue structure to physiological function and basic clinical applications. 8.enhance students' observational, analytical, and scientific interpretation skills when examining histological specimens.	

Course Learning Outcomes, Teaching and Learning Strategies, and Assessment Methods				
- Cognitive Objectives. 1.Describe the structure and classification of the major types of human tissues. 2.Explain the microscopic characteristics and functions of epithelial, connective, muscle, and nervous tissues. 3.Differentiate between the various tissue types based on their histological features. 4.Correlate the microscopic structure of tissues with their physiological functions. 5.Analyze histological slides to identify and interpret normal human tissues.				
Teaching and Learning Methods				
1. Interactive lectures supported by multimedia presentations. 2.Laboratory practical sessions using light microscopes and histological slides. 3.Demonstration and guided observation of tissue specimens. 4.Small-group discussions and collaborative learning activities				
Assessment Methods				
	Assessment Weight	Number of Assessments / Time	Type of Examination	
	%15	2	Quiz	Formative Assessment
	%10	2	Homework	
	%10	1	Laboratory	
	%5	1	Reports	
	%10	2 hours	Midterm Examination	Summative Assessment
	%50	2 hours	Final Examination	
	%100			Total Assessment

Affective and Value Objectives

1. Demonstrate responsibility and professionalism during laboratory sessions.
2. Appreciate the importance of histology in understanding normal human structure and its clinical relevance.
3. Show respect for laboratory safety regulations and work effectively as part of a team.

General and Transferable Qualification Skills (Other Skills Related to Employability and Personal Development)

1. Develop effective communication skills for presenting and discussing scientific information.
2. Apply critical thinking and problem-solving skills in analyzing histological findings.
3. Manage time and organize tasks effectively during theoretical and practical activities.
4. Use scientific resources and information technology for continuous learning and professional development.
5. Demonstrate teamwork, self-learning, and professional behavior in academic and laboratory environments.

.10 Course Structure

	Learning Method	Name of Unit/Topic	Required Learning Outcomes	Hours	Week
	On-campus	human histology	Developing skills in learning and diagnosis	2 Theory Hours + 2 /Laboratory Hours	Introduction to Human Histology and Basic Tissue Organization
			=	=	Histological Techniques and Microscopic Examination
			=	=	Epithelial Tissue: Structure, Types, and Functions
			=	==	Connective Tissue: Components and

					Classification
			=	=	Muscle Tissue: Types and Characteristics
			=	=	Nervous Tissue and Neuromuscular Communication

			=	=	Cardiovascular System Histology
			=	=	Mid-Term Examination
			=	=	Respiratory System Histology
			=	=	Digestive System Histology
			=	==	Urinary System Histology
			=	=	Male and Female Reproductive System Histology
			=	=	Endocrine Glands Histology
			=	=	Special Sense Organs: Eye and Ear
					Final Examination

.11Infrastructure	
Textbook of Histology, Leslie P. Gartner 2018	-1 Required Textbooks
Atlas of Histology with Functional Correlations 13th Edition, Victor P. Eroschenko PhD 2019	-2 Main References (Sources)
Cell biology Nature cell biology Molecular biology of cell	A- Recommended Books and References (Scientific Journals, Reports, etc.)
Google scholar Medical institute	B- Electronic References, Websites, etc.

12. Course Improvement Plan
Updating and adding new references within the allowed limit of 10%

جامعة شط العرب
كلية العلوم
قسم علوم التحليلات المرضية



العميد



رئيس القسم



استاذ المادة

