

Course Description Form of Histology

1. Course Name:					
Histology					
2. Course Code:					
WBM-31-05					
3. Semester / Year:					
Semester 1					
4. Description Preparation Date:					
2024-9-23					
5. Available Attendance Forms:					
presence in the classroom					
6. Number of Credit Hours (Total) / Number of Units (Total)					
60Hours / 3Units					
7. Course administrator's name (mention all, if more than one name)					
Name: Kawthar Ali Hasan Email: Kawtharali@uowa.edu.iq					
8. Course Objectives					
Course Objectives		<p>The histology course aims for the student to acquire the following skills:</p> <ul style="list-style-type: none"> Enabling students to obtain general knowledge about tissues Tissue characteristics and the damage that occurs in them Know the types of specialized tissues Identifying tissue pigmentations and using them in preparations and early detection of some diseases The relationship of histology with physiology 			
9. Teaching and Learning Strategies					
Strategy		<ul style="list-style-type: none"> Using the smart board Use illustrative pictures whenever possible 			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Epithelial tissue	Introduction about tissue	Lectures	Daily exams

			and features and function of epithelial	presented in PDF format	+ homework assignments + monthly exams
2	2	Epithelial tissue 2	Surface of epithelial and glandular tissue	Lectures presented in PDF format	Daily exams homework assignments monthly exams
3	2	Connective tissue	Types and classification of matrix of Connective tissue, connective tissue proper	Lectures presented in PDF format	Daily exams homework assignments monthly exams
4	2	Connective tissue 2	Extracellular matrix, tendon, ligament, collagen fibers and fibrils, macrophages, inflammation, mast cells	Lectures presented in PDF format	Daily exams homework assignments monthly exams
5	2	Bone	Histology & function of Bone, bone cells, types of bone, rickets & osteomalacia	Lectures presented in PDF format	Daily exams homework assignments monthly
6	2	Cartilage	Cartilage histological, function and types of cartilage, clinical correlation	Lectures presented in PDF format	Daily exams homework assignments monthly
7	2	Blood	Function of the blood, plasma, component of plasma, hemopoiesis, stem cells and cancer therapy	Lectures presented in PDF format	Daily exams homework assignments monthly
8	2	Muscle tissue,	Bone metabolism	Lectures presented in PDF format	Daily exams homework assignments monthly
9	2	heart and smooth muscle	Types of smooth muscles, multi-unit smooth muscle, electrical & mechanical activity, molecular basis of	Lectures presented in	Daily exams homework assignments monthly

			contraction , stimulation of smooth muscle , function of nerve supply to smooth muscle	PDF format	
10	2	Fibers	Fibers	Lectures presented in PDF format	Daily exams homework assignments monthly
11	2	Histology preparation	Histology preparation	Lectures presented in PDF format	Daily exams homework assignments monthly
12 +13	4	Microscope	Types of microscope , properties of microscope	Lectures presented in PDF format	Daily exams homework assignments monthly
14+15	4	Nervous tissue	Neurons, cell body, dendrites, axon , synapse , structure of synapse, glial cells , types of glial cells medical application	Lectures presented	Daily exams homework

11. Course Evaluation

- ☑ Daily exams scientific questions.
- ☑ Establishing grades for environmental duties and the reports assigned to them
- ☑ Semester exams for the curriculum, in addition to the mid-year exam and final exam

12. Learning and Teaching Resources

Junqueira's- basic – histology and cell biology

General Histology Books