**Course Description Form of Histology**

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| 1. Course Name: | | | | | | | |
| **Histology** | | | | | | | |
| 1. Course Code: | | | | | | | |
| WBM/32/07 | | | | | | | |
| 1. Semester / Year: | | | | | | | |
| Semester 1 | | | | | | | |
| 1. Description Preparation Date: | | | | | | | |
| 2023-9-15 | | | | | | | |
| 1. Available Attendance Forms: | | | | | | | |
| presence in the classroom | | | | | | | |
| 1. Number of Credit Hours (Total) / Number of Units (Total) | | | | | | | |
| 60Hours / 3Units | | | | | | | |
| 1. Course administrator's name (mention all, if more than one name) | | | | | | | |
| Name: Kawthar Ali Hasan  Email: Kawtharali@uowa.edu.iq | | | | | | | |
| 1. Course Objectives | | | | | | | |
| **Course Objectives** | | | | The histology course aims for the student to acquire the following skills:   * 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 | | | |
| 1. Teaching and Learning Strategies | | | | | | | |
| **Strategy** | | * Using the smart board * Use illustrative pictures whenever possible | | | | | |
| 1. Course Structure | | | | | | | |
| **Week** | **Hours** | | **Required Learning Outcomes** | | **Unit or subject name** | **Learning method** | **Evaluation method** |
| 1 | 2 | | Epithelial tissue | | Introduction about tissue and features and fuction of epithelial | Lectures presented in  PDF format | Daily exams + 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 mature 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 contraction , stimulation of smooth muscle , function of nerve supply to smooth muscle | Lectures presented in PDF format | Daily exams + homework assignments + monthly |
| 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 |
| 1. 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 | | | | | | | |
| 1. Learning and Teaching Resources | | | | | | | |
| Junqueiras- basic – histology and cell biology | | | | | | | |
| General Histology Books | | | | | | | |