

University of Al-Anbar

College of Pharmacy

Department of Clinical Laboratory Sciences

Title of the course: *Human Anatomy and Histology* Course number: 127

Level: 1st Class, 2nd Semester

Credit hours: **Theory 3 hours Laboratory 1 hour**

Tutors:

Reference text: *1. Textbook of Histology.. By Leeson Leeson Paparo (latest edition)*

2. Anatomy and Physiology: Student Study Guide. By Seeley, Stephens & Tale. (Latest edition)

Objectives: To study the histological and anatomical structure of the human body. It is meant primarily to give the student a foundation for advanced study in health care, physiology, pathology, and other fields related to health and fitness. At the end of the course the student should be familiar with the gross anatomical and the histological description of the human body.

No	Lecture title	hours
1.	Respiratory system: lung, conducting portion (nose, nasopharynx, trachea, bronchus, bronchioles).	4
2.	Urinary system: Structure of the kidney and nephron. Histology of the nephron, Structure of the ureter, bladder & urethra.	4
3.	Circulatory system: Structure of the cardiovascular system (Heart, arteries, veins and capillaries). Structure of the lymphatic system.	4
4.	Lymphoid tissue: Structure of the thymus gland, spleen, lymph nodes lymphoid nodule (MALT) and tonsils.	4
5.	Digestive system: General structure of the digestive tract (GIT); oral cavity, mouth, esophagus, stomach; small intestine, large intestine, rectum, anus. Glands associated with the digestive tract (salivary gland, pancreas, liver and gall bladder).	4
6.	Male reproductive system: General structure of the testes. Excretory genital ducts; accessory genital glands; seminal vesicles, prostate, Cowper's glands.	4
7.	Female reproductive system: General structure of the ovary, oviduct, uterus and vagina.	4
8.	Endocrine system: General structure of the pituitary gland. General structure of the adrenal, thyroid, parathyroid, islet of Langerhans and pineal glands	4
9.	Nervous system: Central nervous system (CNS); Peripheral nervous system.	4
10.	The skin: Structure of thick skin and thin skin.	3
11.	Bone Tissues: histology of osseous tissue, tissues and organs of the skeletal system.	3
12.	Muscle Tissue: classification of muscle tissue, structure and functions of muscle tissue, associated structures.	3