



Department	Pharmacy
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Course Name	Anatomy and Histology	Course No.	0201231
Prerequisite	Biology	Credit Hours	2
Number & date of course plan approval	2016/2017	Brief Description	See form QF02/0409

Course Objective	Following an introduction to basic human histology, the anatomy course will provide the student with a basic knowledge of human anatomy using a systemic approach. The student will acquire an understanding of structure as it relates to function, and a working vocabulary of human anatomy, facilitating their introduction into clinical pharmacy and therapeutics.
Intended Learning Outcomes	Upon completion of this course, the student will be able to 1. Apply appropriate anatomical terms and concepts for the purpose of identification, effective communication and critical reading of relevant literature. 2. Analyze the gross anatomy (macroscopic) and histology (microscopic) of the tissues and organs that constitute the human body. 3. Employ a systematic logical thinking process to help recognize anatomical structures and predict the physiological functions of body systems. 4. Describe the integrated relationship between histology and gross anatomy with respect to structure and function, and be able to extend that knowledge to various aspects of development and function. 5. Demonstrate the ability to collaborate and work effectively and respectfully with diverse teams.
Course Topics	An orientation to the human body; Tissues classification; Integumentary system; Skeletal system; Muscular system; Nervous system; Digestive system; Respiratory system; Cardiovascular system; Renal system; Reproductive system; Endocrine system; Lymphatic system; Sense organs.
Text Books	1. Essentials of Human Anatomy and Physiology, 11 th edition, Marieb E.N. (2015) Pearson Education, Inc. 2. Human Physiology, 14 th edition, Stuart Ira Fox, McGraw Hill, 2016.
References	1. Human Anatomy and Physiology. 9th edition. Elaine N. Marieb and Katja N. Hoehn, 2013. Pearson Education, Inc. 2. Principles of Anatomy and Physiology, 13th edition, Gerard J. Tortora and Bryan H. Derrickson, 2012. Wiley and Sons, Inc.
Grade Determination	1 st Exam = 25% 2 nd Exam = 25% % 50=Final Exam



Course Outline

Week	Hours	Subjects	Chapters in Textbook	Notes
1	2	The human body: An orientation	Chapter 1	
2 -3	4	Tissues classification – Epithelial tissue, Connective tissue, Muscle tissue, Nervous tissue	Chapter 3	
4	2	Integumentary system	Chapter 4	
5	2	Skeletal system - Axial and Appendicular system, Joints & movement	Chapter 5	
6	1	Muscular system of the skull, upper, Lower limbs & abdomen	Chapter 6	
6 -7	3	Nervous system - Central, Peripheral and Autonomic nervous system	Chapter 7	
8	2	Digestive system and associated organs	Chapter 14	
9	1	Respiratory system - Nasal cavity, Larynx, Trachea, Bronchial tree and Lungs	Chapter 13	
9 -10	3	Cardiovascular system: Heart and blood vessels	Chapter 11	
11	1	Urinary system: Kidney, Nephron, Ureter, Urinary bladder and Urethra	Chapter 15	
11 - 12	2	Reproductive system - Male and Female	Chapter 16	
12	1	Endocrine system	Chapter 9	
13	2	Lymphatic system	Chapter 12	
14	2	Sense organs – Ear and Eye	Chapter 8	
15-16		Final Examination		

Approved by Dept. Chair		Date of Approval	
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Extra Information: (Updated every semester and filled by course instructor)

Course Instructor	Wassan Jarrar, Ezeddin Gassar
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