

Course Detailed Description – Procedures of the Course Plan Committee /Faculty of Pharmacy	QF02/0408–2.1E
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Department	Pharmacy
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Course Name	Anatomy and Histology Laboratory course	Course No.	0201232
Prerequisite	Biology	Credit Hours	2
Number & date of course plan approval	First semester 2016/2017	Brief Description	See form QF02/0409

Course Objective	Students should have wide knowledge on the anatomical structure and function of different body organs. Having good anatomical knowledge, students should be able to understand the functional organization of different body structures. Knowing anatomy and histology enables the students to understand anatomical abnormalities and pathological changes of the body structures during illnesses.	
Intended Learning Outcomes	<ol style="list-style-type: none"> 1. On completion of this course students will be able to describe and explain the function of each major organ/system considered within the course. 2. Students should learn how the nervous and endocrine systems act as communication systems within the body. 3. Students should understand the functions of senses, digestive, renal and reproductive systems and how functions are controlled, regulated and integrated through nervous and endocrine activity. 	
Course Topics	Skeletal system, Muscular system, Digestive system, Cardiovascular system, Respiratory system, Renal/ Urinary system, Nervous system, Reproductive system, Sense organs (Ear and Eye).	
Text Books	Essentials of Human Anatomy and Physiology, 11 th edition, Marieb E.N. (2015) Pearson Education, Inc.	
References	<ol style="list-style-type: none"> 1. Human Anatomy and Physiology. 7th edition. Elaine N. Marieb and Katja Hoehn. 2007. 2. Principles of Anatomy and Physiology, 13th edition, Gerard J. Tortora and Bryan H. Derrickson (2012), Wiley and Sons, Inc. 3. Fundamentals of Anatomy and Physiology. 8th edition. F. H. Martini and J. L.Nath. 2009. 4. Anatomy and Physiology. 4th Edition. Kenneth S. Saladin. 2007. 	
Grade Determination	Practical Course Grade Determination	Course Work = 50% (Reports, Term Papers, Quizes) Final Exam = 50%

Course Outline				
Week	Hours	Subjects	Chapters in Textbook	Notes
1	3	Introduction	Chapter 1	
2	3	Skeletal system - Axial skeleton	Chapter 5	
3	3	Skeletal system - Appendicular skeleton	Chapter 5	
4	3	Muscular system of the skull, upper and lower limbs and abdomen	Chapter 6	
5	3	Digestive system	Chapter 14	
6	3	Cardiovascular system - Heart	Chapter 11	
7	3	Respiratory system - nasal cavity, Larynx, Trachea, Bronchial tree and Lungs	Chapter 13	
8	3	Renal system - Kidney, ureter, bladder & urethra	Chapter 15	
9	3	Nervous system – Central nervous system	Chapter 7	
10	3	Reproductive system - Male & Female	Chapter 16	
11	3	Sense organs – Eye & Ear	Chapter 8	

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
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Office hours	