



كلية الصيدلة - جامعة الزيتونة الأردنية

Faculty of Pharmacy
Al-Zaytoonah University of Jordan

"نحو تعليم صيدلاني متميز"

Toward Excellence in Pharmaceutical
Education

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Al-Zaytoonah University of Jordan
كلية الصيدلة
Faculty of Pharmacy



"عراقة وجودة"

Tradition and Quality"

Detailed Course Description - Course Plan Development and Updating Procedures/ Pharmacy Department	QF02/0408-3.0E
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Faculty	Pharmacy	Department	Pharmacy
Course number	0201132	Course title	Anatomy and Histology Laboratory course
Number of credit hours	1	Pre-requisite/co-requisite	Biology Laboratory course

Brief course description

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.

Course goals and learning outcomes	
Goal 1	Recognize the anatomical structures and explain the physiological functions of body systems.
Learning outcomes	The student should be able to : 1.1 Analyze the gross anatomy (macroscopic) and histology (microscopic) of the tissues and organs that constitute the human body. . 1.2 Employ a systematic logical thinking process to help recognize anatomical structures and predict the physiological functions of body systems. 1.3 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.
Goal 2	provide the student with vocabulary of human anatomy
Learning outcomes	The student should be able to : 2.1 Apply appropriate anatomical terms 2.2 concepts for the purpose of identification, effective 2.3 communication critical reading of relevant literature.
Goal 3	facilitating their introduction into clinical pharmacy and therapeutics
Learning outcomes	The student should be able to : 3.1 Use anatomical knowledge to predict physiological consequences . 3.2 Demonstrate laboratory procedures used to examine anatomical structures and evaluate physiological functions of each organ system 3.3 Demonstrate ability to collaborate and work effectively and respectfully with diverse teams.



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Textbook	1. Essentials of Human Anatomy and Physiology, 11 th edition, Marieb E.N. (2015) Pearson Education, Inc.
Supplementary 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.

Course timeline				
Week	Number of hours	Course topics	chapters (textbook)	Notes
01	1 1 1	Introduction	chapter 1	
02	1 1 1	Tissues classification: Epithelial tissue. Integumentary system	chapter 3 chapter 4	
03	1 1 1	Tissues classification: Connective tissue Muscle tissue Nervous tissue	chapter 3	
04	1 1 1	Skeletal system - Axial skeleton	chapter 5	
05	1 1 1	Skeletal system - Appendicular skeleton	chapter 5	
06	1 1 1	Gross Anatomy of Skeletal Muscles: Head and Neck Muscles, Trunk Muscles, Muscles of the Upper and Lower Limbs Nervous system – Central nervous system	chapter 6 chapter 7	
07	1 1 1	Cardiovascular system – Heart Respiratory system - Nasal cavity, Larynx, Trachea, Bronchial tree and Lungs	chapter 13 chapter 11	
08	1 1 1	Digestive system	chapter 14	
09	1 1 1	Renal system - Kidney, ureter, bladder & urethra	chapter 15	
10	1 1 1	Reproductive system – Male & Female	chapter 16	
11	1	Sense organs – Eye & Ear	chapter 8	



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Theoretical course evaluation methods and weight	First exam 25% Second exam 25% Final exam 50%	Practical (clinical) course evaluation methods	Semester students' work = 50% (Reports, research, quizzes, etc.) Final exam = 50%
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Approved by head of department		Date of approval	
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Extra information (to be updated every semester by corresponding faculty member)

Name of teacher	Sara Aba-Alkhail	Office Number	412
Phone number (extension)	197	Email	saraabaalkhail@hotmail.com
Office hours			