



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Histology
2	Course number	0334432
3	Credit hours (theory, practical)	3(2 theory, 3 practical)
	Contact hours (theory, practical)	2 theory, 3 practical / week
4	Prerequisites/corequisites	General Biology 2 (0304102)
5	Program title	Biological Sciences
6	Program code	
7	Awarding institution	
8	Faculty	Science
9	Department	Department of Biological Sciences
10	Level of course	400
11	Year of study and semester (s)	2016
12	Final Qualification	BSc
13	Other department (s) involved in teaching the course	
14	Language of Instruction	English
15	Date of production/revision	First semester 2016

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Office numbers :Biology Building 311

office hours: Sun Tue Thu: 9-9:30

phone numbers: 0776831802

email: zshraideh@ju.edu.jo

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

18. Course Description:

As stated in the approved study plan.

The goals of this course are to 1 -- learn appearance of cells and tissues as viewed in micro slide and to relate these to functions of organ systems of the vertebrate (human) body 2 -- learn nomenclature of cell and tissue structures identified in the lab and 3 -- learn to recognize the differences between normal and abnormal tissues associated with specific pathology.

2

Lecture	Chapter	Lecture Topic	Lap Topic
1-2	1	Histology and its Methods of study Epithelial Tissue: Forms & Characteristics	Preparation of Tissues for Microscopic Examination. Use and Care of the Microscope
3-4	4	Epithelial Tissue (cont'd) Specialization of cell Surface Origin & Function of Epithelial Tissue Epithelial Tissue Types & General Biology of Epithelial Tissue	Epithelial Tissues
5-6	5,6	Connective Tissue: Characteristics Cells of connective Tissue, Origin, function Fibers, Ground Substance and Types of Connective Tissue,	Connective Tissue
7-8	7,8	Cartilage: Characteristics, Origin & Functions Types Perichondrium, Histophysiology & Intervertebral Disks Bone: Characteristics ,Origin & Functions Bone Cells, Matrix, Periosteum and Endosteum, Types of Bone, Histogenesis, Bone Growth and Remodeling,	Cartilage & Bone

Lecture	Chapter	Lecture Topic	Lap Topic
9-10	10	Muscle Tissue: Characteristics Functions, Types, Regeneration. Histophysiology.	Muscle Tissue
11-14	9	Nerve Tissue and the Nervous Systems: Characteristics, Origin, Function, Glial Cells, Meninges, Neuroglia, Spinal cord, Cerebellum and Cerebrum, Ganglia FIRST HOUR EXAM	Nervous Tissue
15-16	11 & 12	The Circulatory System	Midterm

		Characteristics and Types of Vessels Components: General Specific Structures. Heart and blood	
17-18	11 & 14	Lymphatic Vascular System: Characteristics The Lymphoid System: General Features &Function, Types: Lymph nodes Thymus, Spleen & Tonsils	Heart, blood Vessels & Lymphoid Organs
19-20	15	[Digestive Tract: General and Specific Structures of the digestive Tract. The Oral Cavity Esophagus, Stomach, Small Intestine, Large Intestine, Anus,	Digestive Tract
21-22	16	Organs Associated With the Digestive Tract Salivary Glands, Pancreas, Liver, Gall bladder.	Organs Associated with the Digestive Tract
23-24	17	The Respiratory System Nasal Cavity, Paranal Sinuses Nasopharynx, Larynx, Trachea Bronchial Tree, Pulmonary Pleura, Lungs.	The Respiratory System
25-26	18	SECOND HOUR EXAM The Integumentary System: Skin Characteristics Components, Functions, Epidermis, Dermis, Subcutaneous Tissue, Hairs, Nails, Glands of the Skin.	Skin & The Urinary System
27-28	19	The Urinary System: Characteristics, Components, Functions Kidneys, Ureter, Bladder Urethra.	Male reproductive System
29-30	21	The Male Reproductive System Testes, Intratesticular Ducts, Excretory Genial Ducts Accessory Genital ducts, penis.	Female Reproductive System
31-32	22	The Female Reproductive System Ovaries, Oviducts, Uterus, Vagina External Genitalia, Mammary Glands	Final Exam

0. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

1. 2 / 1h lectures/ week
2. 3 h lab/ week

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

1. 3/ 1h exams
2. 5 lab reports
3. 2 lab practical exams

23. Course Policies:

A- Attendance policies:

Attendance of lectures and lab sessions is obligatory

B- Absences from exams and handing in assignments on time:

Not accepted

C- Health and safety procedures:

Strict and are followed up

D- Honesty policy regarding cheating, plagiarism, misbehavior:

Very strong.

E- Grading policy:

65% theory , 35% practical

F- Available university services that support achievement in the course:

Accepted, but not adequate.

24. Required equipment:

1. New microscopes for the lab
2. Audio-visual aids
3. Data shows and laptops for lectures

25. References:

A- Required book (s), assigned reading and audio-visuals:

Mescher A., L.2013 Junqueira's Basic Histology Text &Atlas 13th Edition. McG Hill LANGE. International Edition, New York etc.

Eroschenko V.,P.2013 DiFiore's Atlas of Histology with Functional Correlations. 12th Edition. Wolters Kluwer. Lippincott Williams &Wilkins.

B- Recommended books, materials, and media:

26. Additional information:

--

Name of Course Coordinator: الدكتور زياد الشريدة Signature: ----- Date: 12/ 01/ 2016

Head of curriculum committee/Department: الاستاذة الدكتورة سوسن العوران Signature: -----

Head of Department: الدكتورة هناء العبوس Signature: -----

Head of curriculum committee/Faculty: الاستاذة الدكتورة أمل العابودي Signature: -----

Dean: الاستاذ الدكتور صالح محمود Signature: -----

Copy to:

Head of Department
Assistant Dean for Quality Assurance
Course File