



مركز الاعتماد
وإضمان الجودة
ACCREDITATION & QUALITY ASSURANCE CENTER



The University of Jordan

Accreditation & Quality Assurance Center

Course Syllabus

Course Name:

Pathology

0308213

1	Course title	Pathology
2	Course number	0308213
3	Credit hours (theory, practical)	3 theory
	Contact hours (theory, practical)	3 theory
4	Prerequisites/corequisites	Histology (0308211)
5	Program title	BSc in Clinical Laboratory Sciences
6	Program code	
7	Awarding institution	The University of Jordan
8	Faculty	Science
9	Department	Clinical Laboratory Sciences
10	Level of course	2nd year
11	Year of study and semester (s)	First or second semester of second year
12	Final Qualification	-
13	Other department (s) involved in teaching the course	-
14	Language of Instruction	English
15	Date of production/revision	4th Jan 2018

16. Course Coordinator:

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

Office Hours: 1-2 Tuesdays.

Office: B029

Tel.: 5355000 ext.: 22238

Email: s.mattar@ju.edu.jo

17. Other instructors:

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

18. Course Description:

Pathology is the study of diseases. The course will cover topics related to **General Pathology** which deals with the basic concept of various disease processes in the body, like the causes and mechanisms of disease and the associated alterations in the structure and function. Under the heading of General Pathology, we will study the following pathological processes: 1) Cellular Injury, Adaptation and Death; 2) Acute and Chronic Inflammation; 3) Tissue Repair: Cell Regeneration and Fibrosis; 4) Hemodynamic Disorders; 5) Nutritional Pathology; 6) Neoplasia; 10) Environmental Pathology.

Systemic pathology deals with the disease process affecting various systems and specific organs in the body such as blood vessels, heart, kidney, liver and neuromuscular disorders.

19. Course aims and outcomes:

<p>A- Aims:</p> <p>The course intends to give BSc CLS students with an introduction to human pathology. The course will be useful for all students conducting research on aspects of human biology, in particular those with inflammation and cancer-related projects</p> <p>B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ...</p>
1. Learn basic principles of disease processes (General Pathology) and be able to apply these principles to the study of particular diseases in various tissues, organs and systems of the body (Systemic Pathology)
2. To develop an understanding of the causes and mechanisms of disease and the associated alterations of structure and function
3. Correlate the pathological changes with the clinical picture
4. Request a laboratory investigation (e.g. a biopsy, a clinical pathology laboratory assay, an autopsy)
5. Understand the significance of a result or report that comes back from the pathology laboratories.
6. Explain the result or report

20. Topic Outline and Schedule:

Topic	Week	Achieved ILOs	Evaluation Methods	Reference
Introduction to pathology	1	1	Exams and quizzes	Ch 1 Robbins and Cotran pathologic basis of disease.
Basic definitions and familiarizing with the terms used in pathology	2,3	1,2	Exams and quizzes	Ch 1 BRS Pathology
Cellular Responses to Stress and Toxic Insults: Adaptation, Injury, and Death	4,5,6	2,3,4,5,6	Exams and quizzes	Ch 2 Robbins and Cotran pathologic basis of disease.
Inflammation and Repair	7,8	2,3,4,5,6	Exams and quizzes	Ch 3 Robbins and Cotran pathologic basis of disease.
Hemodynamic Disorders, Thromboembolic Disease, and Shock	9,10	2,3,4,5,6	Exams and quizzes	Ch 4 Robbins and Cotran pathologic basis of disease.
Neoplasia	11,12	2,3,4,5,6	Exams and quizzes	Ch 7 Robbins and Cotran pathologic

				basis of disease.
Environmental and Nutritional Diseases	13,14	2,3,4,5,6	Exams and quizzes	Ch 9 Robbins and Cotran pathologic basis of disease.

21. Teaching Methods and Assignments:

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

1. Power point lectures
2. Videos
3. Audios
4. Journal articles
5. Clinical Cases
6. CDC discussing reports
7. elearning (Moodle)
8. Facebook (Special page for the topics)

22. Evaluation Methods and Course Requirements:

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

1. Midterm Exam 30%
2. Final Exam 40 %
3. Quizzes 30%

23. Course Policies:

A- Attendance policies:

Lectures are mandatory for students registered for the course. In general, lecturers can assign a Fail (F) grade for any student with five or more absences from class. Upon a written request from the student, the lecturer may exceptionally grant temporary exemption from attending a specific lecture. Failure to comply with the course attendance policy may imply consequences for the student's final grade as announced in the course syllabus.

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

It is expect students to make every effort to take required exams as scheduled. If the student knows in advance that he/she will miss such a requirement, they should notify me. If the student is ill or other circumstances cause him/her to miss a required graded activity, they should notify me as soon as possible. The student must present a letter from an authority (e.g., physician) documenting the reason. Make up exam should be scheduled based on the appropriate circumstances for the lecturer and the student. Students who miss a scheduled make-up will leave the lecturer with little choice but to give the student an "F" on that exam.

C- Health and safety procedures:

The classrooms are equipped with the appropriate flooring, electrical, heating and cooling systems.

D- Honesty policy regarding cheating, plagiarism, misbehavior

Any of the above mentioned behaviors should be reported to the deanship office through the head of the department.

E- Grading policy:

THEORY 70 % (Midterm Exam 30%, Final Exam 40%)

Quizzes 30 %

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

Data show devices, Computer labs and library.

24. Required equipment:

Data show

25. References:**A- Required book (s), assigned reading and audio-visuals:**

1. Kumar, V., Abbas, A. K., Fausto, N., Robbins, S. L., & Cotran, R. S. (2015). Robbins and Cotran pathologic basis of disease. Philadelphia: Elsevier Saunders.

B- Recommended books, materials, and media:

1. BRS Pathology (Board Review Series) Fifth, North American Edition by Arthur S. Schneider MD (Author), Philip A. Szanto MD (Author)

26. Additional information:

Name of Course Coordinator: **Suzan Matar** - Signature: *Suzan Matar* Date: 4th Jan 2018-

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:

Head of Department
Assistant Dean for Quality Assurance
Course File