



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Allied Medical Sciences Department

LM202 Pathology - JNQF Level: 7

Summer Semester 2023-2024

Course Catalog

3 Credit Hours. This course aims to provide the students of the faculty of Applied Medical Sciences with the fundamental Knowledge of human pathology. In the first part of this course, general pathological concepts will be illustrated including cellular responses to stress and injury, inflammation, repair, neoplasia, and hemodynamics. The second part of this course provides the students with the basic knowledge of systemic pathology. In this part, the students will be introduced to the etiology, pathogenesis, and clinical features of a wide variety of diseases that affect different systems of the human body including blood vessels, heart, lungs, G.I. tract, and other systems.

Teaching Method: Blended

Text Book

Title	Robbins & Kumar Basic Pathology
Author(s)	Vinay Kumar, Abul K. Abbas, Jon C. Aster & Andrea T Deyrup
Edition	11th Edition
Short Name	Text book
Other Information	2022

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref # 2	Elsevier's Integrated Pathology	Thomas C. King	1st Edition	

Instructor

Name	Dr. Hassan Kofahi
Office Location	M6 L0
Office Hours	
Email	hmkofahi@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon, Wed : 11:30 - 13:00 Room: SB19

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2	Introduction, Cell injury, cell death and adaptation	From Text book
Weeks 3, 4	Inflammation and repair	From Text book
Weeks 4, 5	Neoplasia	From Text book
Weeks 6, 7	Hemodynamic Disorders and Thromboembolism	From Text book
Weeks 7, 8	Blood vessels disorders	From Text book
Week 9	Heart diseases	From Text book
Weeks 10, 11	Lung diseases	From Text book
Week 12	Pathology of the Kidney and its collecting system	From Text book
Week 13	Pathology of the gastrointestinal tract	From Text book
Week 14	Liver diseases	From Text book
Week 15	Pancreas diseases	From Text book

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Define the basic concepts and terminology in pathology. [1SLO1] [1L7K1]	15%	
Identify the key pathological cellular and tissue processes. [1SLO1] [1L7K1]	20%	
Explain the etiology and pathogenesis of common diseases. [1SLO1] [1L7K1]	25%	
Differentiate between normal and abnormal gross or microscopic morphologies of cells, tissues, or organs. [1SLO3] [1L7S2]	10%	
Utilize the knowledge of the clinical manifestations, laboratory test results, and other disease characteristics in identifying common diseases. [1SLO3] [1L7C4]	30%	

Relationship to Program Student Outcomes (Out of 100%)											
SLO1	SLO2	SLO3	SLO4	SLO5	SLO6	MSLO1	MSLO2	MSLO3	MSLO4	MSLO5	MSLO6
60		40									

Relationship to NQF Outcomes (Out of 100%)		
L7K1	L7S2	L7C4
60	10	30

Evaluation	
Assessment Tool	Weight
First	30%
Second	30%
Final	40%

Policy	
Attendance Policy	Students are expected to attend at least 80% of lectures.
Missed Exam policy	Students who miss the first or second exam without a legitimate excuse will automatically receive 0 points for that exam. Those who miss the final exam will receive an 'incomplete' result for the course. Only students with legitimate excuses will be permitted to make up missed exams. It is the student's responsibility to promptly initiate the excuse acceptance process in accordance with university regulations and to contact the course instructor to schedule the makeup exam.

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