

Course Detailed Description – Procedures of the Course Plan Committee /Faculty of Pharmacy	QF02/0408–2.10E
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Department	Pharmacy
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Course Name	Pathophysiology lab	Course No.	٠٢٠١٣٣٤
Prerequisite	Physiology 1	Credit Hours	١
Number & date of course plan approval		Brief Description	See form QF02/0409

Course Objectives	Apply the basic supportive sciences appropriate to pathology (such as anatomy, biochemistry, histology/histopathology, and physiology). In which successful students will apply their new knowledge about diseases in the advanced related courses.
Intended Learning Outcomes	<ol style="list-style-type: none"> 1. Understand basic tissue reaction to different type of injury. 2. Know the etiology of the bellow mentioned diseases. 3. Know the pathogenesis (how) of the below mentioned diseases. 4. Describe the morphologic effect produced by the below mentioned disease. 5. Describe the effect of the below mentioned disease on the function of organs. 6. Know the outcome and possible complications of the below mentioned disease
Course Topics	<ol style="list-style-type: none"> 1. Introduction for Cell injury, Cell death and adaptation 2. Acute and chronic inflammation. 3. Blood disorders 4. Disorders of homeostasis and coagulation. 5. Pathology of pancreas 6. Renal pathology
Text Books	Pathophysiology CM porth; second edition.

References	Essentials Pathophysiology for pharmacy, M.Zdanowicz; CRC press book			
Grade Determination	1 st Exam = 25% 2 nd Exam = 25% Final Exam = 50%	Practical Course Grade Determination	Course Work = 50% (Reports, Term Papers, Quizes) Final Exam = 50%	
Course Outline				
Week	Hours	Subjects	Chapters in Textbook	Notes
1	1 1 1	Introduction for Cell injury, Cell death and adaptation.	Chapter 2	
2	1 1 1	Acute and chronic inflammation.	Chapter 3	
3	1 1 1	RBCs Abnormal morphology	Chapter 13	
4	1 1 1	Leucocyte disorders	Chapter 11	
5	1 1 1	Hemostasis and Thrombosis	Chapter 12	
6	1 1 1	Diseases of the Pancreas	Chapter 30	
7	1 1 1	Seminar	-----	
8	1 1 1	Seminar	-----	
9	1 1 1	Renal pathology	Chapter 24, 25 and 26	
10	1 1 1	Renal pathology cont.	Chapter 24,25 and 26	



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11	1 1 1			
12	1 1 1			
13	1 1 1			
14	1 1 1			
15	1 1 1			

Approved by Dept. Chair		Date of Approval	
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Extra Information: (Updated every semester and filled by course instructor)

Course Instructor	Haneen Abuzaid
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Office hours	Sun (12-2) Mon (10-11) Tues (11-1) Thurs (11-1:30)