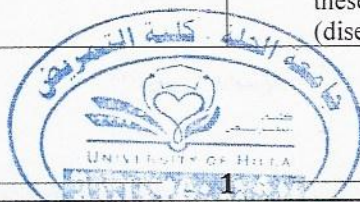


Course Description Form

1. Course Name: Pathology	
2. Course Code: PAT 209	
3. Semester / Year: 2024 / 2025 - Semester-based	
4. Description Preparation Date: 1/ 2/ 2025	
5. Available Attendance Forms: Attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Theory: 2 hours\weekly Practical: 0 Total Units: 2 units	
7. Course administrator's name (mention all, if more than one name) Name: . mayada omar elsadee Email: : mayadaomar89@gmail.com	
8. Course Objectives	
Course Objectives	Cognitive Objectives: Course objectives: At the end of the course the student will be able to: <ul style="list-style-type: none">• Examination at the level of cells, tissues, organ systems and associated diseases.• Explain the basic mechanisms that operate in the organism and how they interact.• Understanding of normal body functions, allowing for more effective treatment of abnormal or pathological conditions.• Discuss the importance of maintaining homeostasis for the survival of the whole organism. Demonstrate the use of the scientific method and quantitative reasoning in the field of physiology.• Demonstrate a mechanical understanding of (how) and (why) the levels of organization that make up the human being.• Demonstrate an understanding of the basic physiology and organizational concepts of the organ systems associated with this course and the mechanisms that allow the body to perform these functions, and predict how a disruption (disease, experimental manipulation) will alter



function.
Aquired skill:
 1 Complete knowledge of monthly bacterial specialties
 2-Knowing the types of bacterial variants and how to diagnose them
 3-The use of the drug effective against pathogenic bacteria is approved by the trial physician
 4-Knowing the characteristics of each pathogenic bacterium from the morphological and anatomical aspects of the fetus and its methods.

9. Teaching and Learning Strategies

Strategy
 Lectures, group discussions, Teamwork
 Brainstorming , groups work, case based learning

10. Course Structure first and second

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Students acquire information in the field of Pathology to required level	Introduction to Pathophysiology	Scientific references and use of the board, And educational videos	monthly written examinations and seminars
2	2	Students acquire information in the field of Pathology to the required level	Cell damage		
3	2	Students acquire information in the field of Pathology to the required level	Necrosis		
4	2	Students acquire information in the field of Pathology to the required level	Cancer Neoplasm		
5	2	Students acquire information in the field of Pathology to required level	Gene and Chromosome		
6	2	Students acquire information in the field of Pathology to required level	Introduction - Classification - Trematoda Blood flukes (Schistosoma)		



7	2	Students acquire information in the field of Pathology to required level	Genetic and Pediatric Diseases		
8&9	2	Students acquire information in the field of Pathology to required level	Inflammation		
10&11	2	Students acquire information in the field of Pathology to required level	Hypertension and hypotension		
12&13	2	Students acquire information in the field of Pathology to required level	Genetic and Pediatric Diseases		
14	2		Review before final exam		

11. Course Evaluation

The semester grade (100) is distributed as follows:

- 1st theory exam 15%
- 2nd theory exam 15%
- Final exam 70%

Total 100%

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Allender S , Spradley B , <u>Community Health Nursing</u>
Main references (sources)	<ul style="list-style-type: none"> • References: • 1. Atlas of Histology with functional Correlations 2nd Edition, Vector ,2014 • 2. Robbins Basic Pathology, 10th Edition 2023
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	-
Course Development Plan:	- Reviewing modern and emerging scientific websites specialized in the science of disease



development in the human body to keep pace with recent developments in promoting public health.

