general pathology
A course concerned with the study of the most important functional and infectious diseases common.
Theoretical: Teaches you the most common pathogens, their pathogens and their diagnosis through histological examination and cellular and histological changes, requiring memorization by writing and drawing to stabilize the duplicate information.

Practical: The histological examination laboratory displays images of infected tissues and the most important characteristics of healthy and injured tissue.

Different Learning Methods in the Department of Dentistry

A- Auditory method: This method depends on communicating information in the form of sounds that are heard by the learner for analysis and storage.
B- Visual method: in which information is communicated by displaying color images, videos or any form of visual educational aids.
C- Reading method: It is one of the methods that depend on reading information to understand and store it.
D. Interdisciplinary professional education where dental students collaborate with other healthcare professionals, to promote a holistic approach to patient care.

Different evaluation methods for students in the Department of Dentistry

Daily tests with multiple-choice questions for subjects that require practical skills.
B- Daily exams with practical questions.
C- Semester and final exams.
D- Setting grades for the assigned homework .
H- Grades of participation of questions competing for the subjects of study.
G- Daily evaluation of the student's work in scientific laboratories and educational clinics.

Learning Outcomes for Dental Courses

Using health information technology in oral and dental health care effectively.
Apply appropriate professional, ethical and legal standards in the provision of patient care in accordance with health care rules and regulations.
Providing graduates with scientific knowledge and professional skills in the fields of oral and dental surgery, dental prosthesis, dental preservation,

orthodontics, pediatric dentistry, periodontal pathology and surrounding tissues
Knowledge of the principles of oral and dental health and understanding of the development, prevention and treatment of related diseases
Health promotion and disease prevention to serve the community.
Integrating basic and medical sciences into healthcare practice.
Develop decision-making and problem-solving skills in healthcare.
Evaluate the state of oral and dental health and the medical condition of the patient, request the necessary diagnostic analyzes, and interpret the results of various analyzes to reach the appropriate diagnosis.
Prepare a care plan for the prevention and treatment of diseases taking into account the needs of the patient.
Demonstrate competence in performing procedures safely in all aspects of dentistry and prevent injuries arising from treatment.
Providing graduates with theoretical knowledge and laboratory and clinical skills that increase the effectiveness of diagnosis.
Preparing dental graduates and training them to become distinguished in various fields of dentistry.

Lesson name and units

Subject	***1st Semester hours/week***		***2nd Semester hours/week***		***Units***	***Code***
	Theory	*Practical*	*Theory*	*Practical*		
3. General Pathology **علم الامراض العامه**	2	2	2	2	6	GP320

بنية المقرر

1-Subject title	**General Pathology**	
2-Number of credits	Theory:4	Laboratory:2
3-Number of contact hours	Theory:2h/wk.	Laboratory:2h/ wk
4-Subject time	Third Year	

No.	Title of the lectures	Hours
1	Introduction to pathology Clinical pathology Molecular pathology Cell damage reversible cell injury	2
2	Irreversible cell injury Deposits and pigmentation External and internal pigmentation	**4**
3	Inflammation Acute inflammation Chronic pathology Chemical mediators	**4**
4	Healing and repair Healing of skin wound Healing of bone	**4**

5	Hemodynamic Disorders, Thromboembolic Disease, and Shock	**4**
6	Genetic	**4**
7	Diseases of the Immune System Hypersensitivity Autoimmune diseases Transplantation	**4**
8	Neoplasia bengin and malignant tumors molecular basis of tumors	**6**
9	Infections Bacterial and viral infection	**2**
10	Environmental and Nutritional Diseases	**2**
11	Blood Vessels	**2**
12	The Heart	**2**
13	Red Blood Cell and Bleeding Disorders	**2**
14	Diseases of White Blood Cells	**2**

15	Diseases of G.I.T	**4**
16	Diseases of liver,	**2**
17	pancreas and gall bladder	**2**
18	Diseases of respiratory system	**2**
19	Bone diseases	**2**
20	Kidney	**2**
21	Urinary system	**2**
Total		**60**

No	***Laboratory sessions***	Hours
1	Introduction to general pathology and biopsy	**2**
2	Power points slides	**2**
3	Power points and histopathological slides demonstrating fatty changes in liver and cloudy swelling in kidney The gross appearence of reversible cell injury	**2**
4	Power points and histopathological slides of coagulative necrosis in heart muscles and caseous necrosis in lung With explanation of gross appearence	**2**
5	Power points and histopathological slides of anthracosis of lung and hemosiderosis in liver With explanation of gross appearence	**2**
6	Power points and histopathological slides of amyloidosis in kidney, H With explanation of gross appearence& E. and congo-red stain	**2**
7	Power points and histopathological slides of acute appendicitis (appendix),acute ossteomylitis and lobar pneumonia (lung ,)	**2**
8	Power points and histopathological slides of chronic cholecystits in gall bladder and With explanation of gross appearence osteomylitis in bone	**2**
9	Power points and histopathological slides of keloid in skin and granulation tissue	**2**
10	Power points and histopathological slides of TB in lung and actinomycosis With explanation of gross appearance	**2**
11	Power points and histopathological slides of Sarcoidosis With explanation of gross appearance	**2**
12	Power points slides of CVC in lung and liver With explanation of gross appearance	**2**
13	Power points slides of blood vessels thrombosis	**2**
14	Power points and histopathological slides of lipoma, S.C papilloma of skin With explanation of gross appearence	**2**
15	Power points and histopathological slides of osteoma of the bone	**2**
16	Power points and histopathological slides of S.C. carcinoma and adeno carcinoma of the colon With explanation of gross appearence	**2**
17	Power points and histopathological slides of thyrotoxicosis of thyroid and hashimotisis thyroiditis in thyroid With explanation of gross appearence	**2**
18	Data show slides	**2**
19	Data show slides	**2**

20	Power points and histopathological slides of myocardial infarction of heart and atherosclerosis in blood vessels With explanation of gross appearence	**2**
21	Power points and histopathological slides of chronic gastritis in stomach and peptic ulcer With explanation of gross appearance	**2**
22	Power points and histopathological slides of liver cirrhosis and hepatocellular carcinoma With explanation of gross appearence	**2**
23	Power points and histopathological slides of emphysema in lung and chronic bronchitis in bronchus With explanation of gross appearence	**2**
24	Data show	**2**
25	Data show	**2**
26	Data show	**2**
27	Data show	**2**
28	Data show	**2**
29	Power points slides	**2**
30	Power points slides	**2**
Total		**60**