

## Faculty of Oral & Dental Medicine

### General Pathology

#### Information :

**Course Code :** SGS 372

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Faculty of Oral & Dental Medicine

#### Instructor Information :

Title	Name	Office hours
Professor	Essam Ezzat Ayad Ibrahim Dos	27

#### Area Of Study :

“To familiarize students with the basic disease patterns and their underlying. Mechanisms within the specific organ system as step to preparing the student for his future work as a dentist.

“To promote life long competencies necessary for continuous professional development

#### Description :

Cell injury and metabolic disturbances, Irreversible cell necrosis, Inflammation, introduction disease etiology, repair (healing & regeneration), and circulatory disturbances.

#### Course outcomes :

##### **a. Knowledge and Understanding: :**

- 1 - Define and discuss the main disease categories that may affect the body
- 2 - Describe the morphologic ( gross & microscopic ) changes occurring as a
- 3 - Determine the fate & complications of each particular disease and outline

##### **b. Intellectual Skills: :**

- 1 - Predict the signs and symptoms of a disease based on the underlying gross
- 2 - Interpreting in a professional manner an oral pathology report.

##### **c. Professional and Practical Skills: :**

- 1 - Describe the pathologic picture of a disorder based on gross or
- 2 - Choosing the most appropriate cost effective pathologic diagnostic
- 3 - Selecting the necessary techniques for sample reception & processing

##### **d. General and Transferable Skills: :**

- 1 - Express themselves freely and adequately by improving their descriptive
- 2 - Respond appropriately according to the seriousness of the pathologic
- 3 - Maintain a professional image in manner, dress, speech and interpersonal

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Pathology and its related disciplines	4	Pathology and its related disciplines	
Technical Pointers on sample handling, sending,processing	4	Technical Pointers on sample handling, sending,pr ocessing	
reporting as well as quality	4	reporting as well as quality	
control of surgical biopsy material	4	control of surgical biopsy material	
Cell injury	4	Cell injury	
Cell, accumulations & depositions	4	Cell, accumulati ons & deposition s	
Inflammation	4	Inflammati on	
repair	4	repair	
Immune response	4	Immune response	
nonspecific infections	4	nonspecific infections	
Specific infections-granuloma	4	Specific infections-granuloma	
Fluid & hemodynamic disturbances	4	Fluid & hemodyna mic disturbanc es	

**Teaching And Learning Methodologies :**

General Lectures

Tutorials

seminars

small group discussions

role playing

case studies

Practical sessions

Histopathology slide lab

Museum of pathology

**Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
Final Written Examination	25.00		knowledge and understanding.
Mid Term Examination	30.00		assess knowledge and understanding
Mid Term Practical Examination	20.00		assess descriptive & diagnostic abilities and theory application
Oral Examination	10.00		
Practical Examination	15.00		descriptive & diagnostic abilities and theory

**Course Notes :**

Department Book available at faculty bookshops & in the department:  
Principles of general & special pathology parts 1 & 2  
Color atlases of Gross pathology and Histopathology G. Nada et al.  
Multiple sets of slides to be used during the histopathology sections

**Recommended books :**

Principles of general & special pathology parts 1 & 2  
Color atlases of Gross pathology and Histopathology G. Nada et al  
Basic Pathology by Kumar, Cotran & Robbins  
systemic pathology J.C.E underwood 3rd edition livingstone

**Periodicals :**

Recommended Books

**Web Sites :**

<http://www.pathmax.com/>  
<http://www-medlib.med.utah.edu/WebPath/LABS/LABMENU.html#2>  
<http://www.med.uiuc.edu/PathAtlasf/titlePage.html>  
<http://www.medscape.com/pathologyhome>  
<http://www.gwumc.edu/dept/path/2F.HTM>