



**University of Benghazi
Faculty of Medicine
Histology 2 Course**



The histology is one course of the basic requirement of the human medical program. It's taught in the second year. The number of study hours is 122 hours. The course aims to :

1. Acquire basic knowledge, and skills on histology of different body organs and systems
2. Acquire critical thinking and problems solving skills for self and lifelong learning
Acquire communication, and team working skills that are essential for them to become active members in society

Learning Outcomes

Knowledge and understanding

- Discuss various cellular and tissue structure and functional histology of different organ systems including respiratory, urinary and digestive system
- Describe various cellular and tissue structure and functional histology of different organ systems including endocrine, and reproductive system
- Discuss various cellular and tissue structure and functional histology of CNS, skin and special sense

Intellectual skills

- Correlate the histological structure and function of respiratory, endocrine ,digestive with their related medical application.
- Correlate the histological structure and function of reproductive, and urinary systems with their related medical application.
- Correlate the histological structure and function of CNS, skin and special sense with their related medical application.

Practical and professional skills

- Illustrate the histological structure of different organs and systems under microscope
- Describe the histology of different organs by various histological stains

General and learning methods

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- Communicate effectively with their colleagues and teachers.
- Be an influential part of a teamwork and aware of team dynamics
- Manage their time effectively

Teaching and learning methods

Illustrated lectures
Lab sessions

1. Teaching & Learning Methods:

Interactive Lecture, Practical lab training, Team-based learning (TBL)

2. Student Assessment Methods:

- Written short essay to assess the cognitive domain .
- MCQs, True/False questions, to assess the cognitive domain
- Slide examination to assess laboratory skills .
- Oral exam to assess the cognitive domain

References:

Lecture notes

Practical histology for 2nd year students

Books

Book name
Anthony L. Mescher (2013). Junqueira's Basic Histology Text &Atlas 13 th McGraw-Hill Education

Leslie P. Gartner and James L. Hiatt (2007) Color textbook of histology, 3th edition, Saunders, Elsevier

Ross, Michael H. (2011) Ross Histology: a text and atlas: with correlated cell and molecular biolog 6th edition,

Pritha S Bhuiyan Inderbir_Singh s Textbook of Human Neuro anatomy 9th edition, (2014) .-

PRITHA S BHUIYAN, LAKSHMI RAJGOPAL, K SHYAMKISHORE, *Inderbir Singh's* ,Textbook of HUMAN NEUROANATOMY, 10th edition, 2018

Frank H. Netter, John A. Craig, James Perkins, Atlas of Neuroanatomy and Neurophysiology, special edition, U.S.A, 2004