



Anatomy and Histology
Title: Anatomy and Histology
Subject Code: 233 PHL
Semester: Third Semester (Second Year).
Duration: 2 + 1 Units (5 contact hours) per week.
Aims: This course is designed to impart the fundamental knowledge in anatomy and histology of various systems of the human body.
Objectives: Upon successful completion of the course the student shall be able to comprehend the structure of the human skeleton; histology of cells and tissues; anatomy and histology of different organs and systems of the human body.
Contents: Lectures: <ul style="list-style-type: none">• Scope of anatomy and basic terminologies.• General features of bones and structure of human skeleton.• Anatomy of heart, blood vessels, respiratory organs, GIT, central and autonomic nervous system, urinary system, reproductive organs and sense organs. Microscopic anatomy of cells and tissues; histology of skeletal muscles, cardiovascular, lymphoid, digestive, respiratory, urinary, endocrine and reproductive system.
Practical: Anatomy: Demonstration of anatomical models of different body parts as mentioned in the theoretical parts. Histology: Microscopic slides of tissues and organs of the body.



Minimum course requirements: 30 (2 x 15) Unit lectures and 45 practical hours (3 x 15) per level.

Evaluation methods:

-Quizzes	10%
- Mid term examination	25%
- Practical examinations	25%
- Final examination (written)	40%

Text Books (latest edition):

1- Gray's Anatomy, P.L. Williams, R.J. Warwick, M.D. Dyson, L.H. Bannister, Churchill Livingstone, Edinburgh.

Recommended books (latest editions):

- 1- Clinical Anatomy for Medical Students, Richard S. Snell, Lippincott. Williams and Wilkins.
- 2- Grant's Atlas of Anatomy, Ameu M.R. Agur, Lippincott. Williams and Wilkins.
- 3- Basic Histology, Janqueira, Text and Atlas.
- 4- Langmans Medical Embryology, T.W. Sandler.
- 5- Di Fiore's Atlas of Histology, Victor P. Eroschenko, Lippincott. Williams and Wilkins.
- 6- Grants Dissector of Anatomy, Eberhardt K. Sauerland, Lippincott. Williams and Wilkins.