



Tishk
International University

Faculty of Applied Science
Medical Analysis Department

Course Descriptions



Diagnosis of disease is one of the primary roles of any Medical Analyst. Diseases commonly induce changes in the body which can be characterized and used for the purpose of treatment and prognosis. Histology is a branch of biology concerning the structure of tissues and histopathology focuses on changes induced by disease. This course will introduce the topic to students and can also be a subject for further education following the completion of the Medical Analysis course. Being of such importance, this course aims to introduce histology and histopathology and will contain facts which will reoccur throughout the Medical Analysis course.

The goals of this course are to 1- learn appearance of cells and tissues as viewed in micro slide and to relate these to functions of organ systems of the vertebrate (human) body 2- learn nomenclature of cell and tissue structures identified in the lab and 3- learn to recognize the differences between normal and abnormal tissues associated with specific pathology.

MA 217 / HISTOLOGY AND HISTOPATHOLOGY