

# ANPH 501 : Histology and Embryology

This course begins with the study of cell structure and progresses through the basic tissues to the study of the organ systems. The histology not only provides the microscopic study of the body but also the correlation between structure and function. Knowledge of the normal structure is necessary to understand the study of abnormal (pathology), which deals with the alteration in the structure and function of the body tissues/organs caused by the disease process. The course also includes the sequence of normal development from gametogenesis and fertilization to the establishment of body form and the development of the fetal membranes, placenta, and various organ systems. Important developmental anomalies occurring in the domestic species, and their various mechanisms leading to these will be discussed.

**Core Course**

**Credits 5**