**Special Pathology (PAT. 313)**

**Overall aims of the Course:**

As it is Understanding of the abnormalities in structure and function of the components of the animal body systems with particular emphasis on digestive, respiratory, cardiovascular, reproductive and urinary systems. Exploration the common diseases processes which affect these systems and understanding the tissue response against such diseases process, gross, microscopically appearances and mechanisms of development and finally its termination.

By the end of the course the student should be able to

1. Define the different concepts of the abnormalities in structure and function of the different topics learned.
2. Realize the causes, pathogenesis, and the fate of different lesions that affecting the animal body systems.
3. Develop an accurate description to lesions either grossly or microscopically, and compare between species differences in response to disease processes.
4. Develop a working vocabulary of pathology -related terms in systemic pathology.

**Course contents:**

* Pathology of oral cavity, salivary gland, esophagus, rumen.
* Pathology of stomach, intestine
* Pathology of Liver and peritoneum
* Pathology of nasal cavity.
* Pathology of larynx and Trachea.
* Pathology of bronchi, bronchioles and lung and pleura
* Pathology of pericardium and myocardium.
* Pathology of endocardium and blood vessels
* Pathology of ovary, fallopian tube, uterus
* Pathology of cervix, vagina and vulva mammary gland
* Pathology of Testes, epididymis, prostate and penis
* Pathology of Kidney
* Uremia and stones