**Parasitology (A) (PAR. 315)**

**Overall aims of the Course:**

Understanding the nature, types and importance of helminths as an invertebrate, pathogens of animals and man.

1. 1-Recognizing nomenclature and classification of the helminth species.
2. 2- Applying different approaches to handle, collect and prepare diagnostic laboratory samples.
3. 3-studying the Morphometrical studies of parasitic helminth species and their different biological styles.
4. 4-Understanding bases of diagnosis and control.

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

1. Identify and diagnose helminth infestation in different hosts.
2. Realize the disease problem caused by helminth parasites.
3. Understand and select the best way to control and prevent the parasite spreading.

**Course contents:**

* Introduction to parasitology
* Trematoda, morphobiology, physiology, classification
* Fasciolidae, Dicrocoeliidae
* Paramphistomidae, Heterophyd., Schistosomatidae
* Cestoda, morphobiology classification
* Taenidae, Dilepididae
* Dipylidium
* F. Anoploceph., Davaein., Hymen
* Nematoda, morphobiol. classification
* Ascariidae
* Strongyloidea, Metastrongyl.
* Rhabdit. Trichinelloidea
* O.Spiruroidea
* O.Filaroidea