**Chemotherapy and drug toxicity (B) (PHA. 321)**

**Overall aims of the Course:**

Provide students general information about general and special toxicology, types of poisoning, factors affecting it and diagnosis of poisoning and in addition treatment by using different antidotes. Students should be able to classify. Know the action, mechanism of action, side effects, indications and contraindications of different chemotherapeutic agents including anthelmintic, antiprotozoal, anticoccidials, sulphonamides, Antifungals, antibiotics, antibacterials, antiseptics, Antivirals and insecticides. Understand the concepts of vaccines and immunotherapy and in addition different classes of the anticancer drugs. Ability of the student to choose the appropriate treatment for different clinical situations and avoid drug-drug interaction. knowing different teratogenic chemotherapeutic agents and how to avoid their effects.

**Course contents:**

* General toxicology
* Special toxicology
* Anthelmintics
* Antiprotozoals
* Antifungal
* Anticoccidial drugs
* Drugs acting on the immunity
* Anticancer drugs
* Sulphonamides
* Antibiotics
* Antibacterial drugs
* Antiviral drugs
* Antiseptics and disinfectants
* Drug residues
* Insecticides
* Teratology