

Bachelor Clinical Pharmacy program course specifications

1) Pharmaceutical technology

Course Data

Code: PT 607

Name of the course: Pharmaceutical Technology

Theoretical: Two hours/week

Practical: Two contact hour /week (one credit)

Total: Three credits/week

2) Overall Aims of Course

The course aims at providing the students with a thorough understanding of various unit operations and their applications in pharmaceutical industry with the emphasis on equipment and machines used in the production of some pharmaceutical dosage forms. An idea is given about some packaging materials used in the pharmaceutical industry. Students are also getting acquainted with some of the problems encountered during the operation of different devices in addition to the systems of filing and documentation.

2)GMP

Code: PT E12

Name of the course: Good Manufacturing Practices

Theoretical: Two hours/ week **Practical:**one hour/ week

Total: Three credit hours/week

1. Overall aims of the course:

The course deals with thorough understanding of quality management in drug industry and basic concepts of Quality Assurance and Good Manufacturing Practice, organizational structure of quality system and personal qualifications, materials handling and uses, documentation, self-inspection and auditing and pharmaceutical process validation.

The course contains the updates of international GMPs for pharmaceuticals with the recommendations of ISO system and it provides the guide to GMP that can be used as a standard to justify GMP status on the quality of pharmaceutical products in Egypt, through the assessment of applications for manufacturing authorizations and as a basis for the inspection of manufacturing facilities.