

Course Overview



Course Information

Code: PHT-320

Title: Pharmaceutics I

Cr hr: 3+1

Level: 5

Program: PharmD

Co-requisites: None

Prerequisites: PHT-222

Course Description

The course addresses the design principles of pharmaceutical formulation, dosage forms and current manufacturing practices for solid and semi-solid dosage forms. Three main parts are covered in the course: fundamentals of designing solid dosage forms, fundamentals of designing semi-solid dosage forms and dosage form in percutaneous drug delivery. The student should be able to select the correct dosage forms for a given drug and to design a manufacturing process for the selected dosage form upon successful completion of the course.

Topics

- Powders and granules
- Tablets
- Capsules
- Topical Preparations
- Transdermal drug delivery systems (TDDS)