

# PHSC-307: Pharmaceutics

The design of the course is based on the integration of the study of physicochemical principles of pharmacy with formulation and preparation of pharmaceutical dosage forms. The integration is done within each main class of pharmaceutical dosage forms. The study of the physicochemical principles of pharmacy serves as a prologue to the materials covered in each section. Then the application of the knowledge of the physicochemical principles of pharmacy to the rational formulation, preparation/compounding, quality control, stability, packaging and storage of pharmaceutical dosage forms follows directly after the study of the physicochemical principles for each module (i.e., each major class of dosage forms).

**Credits:** 4

**Program:** Pharmaceutical Science