

# PHSC-429: Biopharmaceutics

This course discusses basic concepts in pharmacokinetics (kinetics of drug absorption, distribution and elimination); bioavailability (rate and extent of absorption); influence of physicochemical, formulation, physiologic and disease variables on pharmacokinetics and bioavailability; and rationale for drug and dosage selection and monitoring in patient care.

**Credits:** 3

**Prerequisites:**

Pharmaceutical Chemistry I&II, Pharmacological Therapeutics I&II, Pharmaceutics and Physico-chemical principles of pharmacy.

**Program:** Pharmaceutical Science