

PHSC-410: Applied Pharmacokinetics

Pharmacokinetics describe "what the body does to a drug" and thus is a central feature of applied pharmacology. The course will develop an understanding of the role that pharmacokinetics play in all aspects of drug administration, distribution, metabolism and excretion and how these effects can be modelled and predicted graphically and mathematically. Such modelling is a fundament of therapeutic regimen design, drug development, clinical pharmacology and drug safety and will be considered within all of these contexts providing a broad and relevant appreciation of the importance of pharmacokinetics to the Pharmaceutical Scientist

Credits: 3

Program: Pharmaceutical Science