



قسم التكنولوجيا الصيدلانية

Third level –clinical program

Biopharmaceutics and pharmacokinetics

Titles

- 1. Dosage factors influencing bioavailability**
- 2. The effect of pharmaceutical excipient on drug absorption**
- 3. Carrier mediated cellular uptake of pharmaceutical drugs**
- 4. Principles, concept and application of bioavailability**
- 5. Food effects on drug absorption**
- 6. Barriers to drug absorption**
- 7. Effects of dissolution on drug absorption**
- 8. Biopharmaceutics and partition coefficient**
- 9. Effects of plasma drug–protein binding on distribution and elimination**
- 10. Factors affecting hepatic clearance**
- 11. Factors affecting renal clearance**
- 12. Bioavailability and bioequivalence**