

Faculty of Pharmacy
Advanced Drug Delivery Systems

Information :

Course Code : PT 909

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Pharm D

Instructor Information :

Title	Name	Office hours
Lecturer	Enas ElMaghawry Ibrahim Said	1
Lecturer	Shymaa Hatem Abdelaziim Saleh Emara	1
Researcher	Brendan Thomas Griffin	

Description :

The course aims to provide students with insights and competencies related to the principles of pharmaceutical pre-formulation as a gateway to dosage forms design and formulation. The course also introduces the students to the formulation principles and applications of novel and targeted drug delivery systems for different routes by transforming proteins, genes, and other biotechnology driven compounds into therapeutic products. It also covers the application of polymers and excipients to solve problems/issues concerning the optimization of absorption, selective transport, and targeting. The course will also discuss and explain formulation, characterization, and application of nanotechnology for enhancing drug delivery.