Course Syllabus

Code - Course Title	**FTE632 - Pharmaceutical Nanotechnology and Drug Targeting**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. MÜZEYYEN DEMİREL

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		New Approaches for Development of Pharmaceutical Dosage Forms	
Week - 2		Introduction of Modern Therapeutic Systems	
Week - 3		Current Situation of Pharmaceutical Nanotechnology	
Week - 4		Development of New Drug Delivery Systems	
Week - 5		Preparation of Nanocristals and Nanoparticles	
Week - 6		Increasing of Solubility	
Week - 7		Increasing of Solubility Rate and Bioavailability	
Week - 8		Aim and Types of Drug Targeting	
Week - 9		Mecanisms of Passive Drug Targeting	
Week - 10		Mecanisms of Active Drug Targeting	
Week - 11		Physicochemical Properties of Nanoparticular Systems	
Week - 12		Magnetic Drug Targeting	
Week - 13		Ultrasonic Drug Targeting	
Week - 14		Ligand Receptor Related Drug Targeting	

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.