Course Syllabus

Code - Course Title	**FTE623 - Modern Drug Delivery Systems**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. EBRU BAŞARAN

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Work Placement	Not applicable.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Bioadhesive systems	
Week - 2		Transdermal systems	
Week - 3		Membrane and matrix controlled systems	
Week - 4		Osmotic controlled systems	
Week - 5		Diffusion controlled systems	
Week - 6		Degradation and time controlled systems	
Week - 7		Stomach retained systems	
Week - 8		Ocular systems	
Week - 9		Nasal systems	
Week - 10		Otic systems	
Week - 11		Rectal systems	
Week - 12		Vaginal systems	
Week - 13		Topical aerosols and creams	
Week - 14		In-process control and quality control in modern drug delivery systems	

Learning Outcomes

#	Learning Outcome
1	Explain the release control mechanisms in modern drug delivery systems
2	Explain mucosal drug applications
3	Explain topical drug applications
4	Explain in-process control and quality controls in modern drug delivery systems

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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**