Course Syllabus

Code - Course Title	**ECZ849 - Dissolution Rate-Bioavailability-Bioequivalance**
Course Type	IX. SEMESTER
Laboratory + Practice	1+0
ECTS	**1.5**
Language of Instruction	Türkçe
Course Type	Area of Specialization II
Course Instructor(s)	DR. ÖĞR. ÜYESİ MURAT SAMİ BERKMAN

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	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction and overview	
Week - 2		Solubility, dissolution rate and effecting factors of dissolution rate	
Week - 3		Solubility, dissolution rate and effecting factors of dissolution rate	
Week - 4		Solubility problems	
Week - 5		Dissolution methods and apparatus	
Week - 6		Dissolution methods and apparatus	
Week - 7		Importance of dissolution rate in bioavailability	
Week - 8		Bioavailability and bioequivalance	
Week - 9		Bioavailability and bioequivalance	
Week - 10		Biopharmaceutical classification system	
Week - 11		Biopharmaceutical classification system	
Week - 12		Biopharmaceutical classification system	
Week - 13		Discussion	
Week - 14		Discussion	

Learning Outcomes

#	Learning Outcome
1	express solubility and dissolution rate
2	recognize dissolution methods and apparatus
3	interpret importance of dissolution rate in bioavailability.

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**