Course Syllabus

Code - Course Title	**FTE631 - Solid Drug Delivery Systems**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ SİNAN ÖZER

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.
Recommended Resources	Developing Solid Oral Dosage Forms: Pharmaceutical Theory and PracticeEd. Yihong Qiu, Yisheng Chen, Geoff G.Z. Zhang, Lawrence Yu, Rao V. Academic Press, 2016
Work Placement	Students do not need to do an internship or practice.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Pre-Formulation Studies	
Week - 2		Dosage Forms	
Week - 3		Modifications in Particle Size Distribution	
Week - 4		Dissolution Rate	
Week - 5		Polymorphic Transformations	
Week - 6		Conventional and Controlled Release Tablets: Coated tablets, Capsules	
Week - 7		Conventional and Controlled Release Tablets: Coated tablets, Capsules	
Week - 8		Tablet Compression Physics	
Week - 9		Tablet Compression Physics	
Week - 10		Behavior of Matter Under Pressure	
Week - 11		In-Process Control and Quality Control in Solid Drug Delivery Systems	
Week - 12		In-Process Control and Quality Control in Solid Drug Delivery Systems	
Week - 13		Characterization and Stability Studies	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Characterization and Stability Studies	

Learning Outcomes

#	Learning Outcome
1	Classifies the solid drug delivery systems.
2	Explains formulation studies in solid dosage forms.
3	Explains In-Process Control and Quality Control in Solid Drug Delivery Systems.
4	Explains Characterization and Stability Studies in Solid 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.