Course Syllabus

Code - Course Title	**FKM520 - Raw Material Production in Pharmaceutical Industry**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. BELGİN SEVER

Mode of Delivery	The mode of delivery of this course is face to face
Prerequisites	There is no prerequisites or co-requisites for this course
Courses Recomended	There is no optional programme component
Work Placement	NA

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic Reactions Used In Drug Syntheses	
Week - 2		Basic Processes	
Week - 3		Process Development	
Week - 4		Optimization of Yield	
Week - 5		Optimization of Reagent Synthesis	
Week - 6		Planning and Development of Protection Steps	
Week - 7		Development of Convergent Synthesis	
Week - 8		Easier Reagent Production	
Week - 9		Shorter Time Adjustments	
Week - 10		Analyses of Starting Materials Used In Syntheses	
Week - 11		Providing Operation Security	

Learning Outcomes

#	Learning Outcome
1	plan industrial scale production process for a drug raw material.
2	propose enhancement for production process of a drug raw material.
3	interpret analyses required for GMP production and production safety and reliability.

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.