Course Syllabus

Code - Course Title	**KOZ522 - Characterization of Cosmetic Products**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required 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	Analysis of Cosmetic ProductsEd. Amparo Salvador Alberto Chisvert, Elsevier Science, 2017Dermakozmetik/Kozmesötik Madde ve ÜrünlerEd. E. Yasemin Yazan, Nobel Tıp Kitabevleri Tic. Ltd. Şti., 2016
Work Placement	Practical training is not required for this programme.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Particle and droplet size analysis in cosmetic preparations	
Week - 2		Particle and droplet size analysis in cosmetic preparations	
Week - 3		pH measurement in cosmetic preparations	
Week - 4		Zeta potential measurement in cosmetic preparations	
Week - 5		Zeta potential measurement in cosmetic preparations	
Week - 6		Rheological analysis in cosmetic preparations	
Week - 7		Rheological analysis in cosmetic preparations	
Week - 8		Centrifuge in cosmetic preparations	
Week - 9		DSC in cosmetic preparations	
Week - 10		IR in cosmetic preparations	
Week - 11		NMR in cosmetic preparations	
Week - 12		Kozmetik preparatlarda XRD	
Week - 13		Stability tests and interpretation in cosmetic preparations	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Stability tests and interpretation in cosmetic preparations	

Learning Outcomes

#	Learning Outcome
1	Understands the importance of characterization studies in cosmetic preparations.
2	Recognizes the characterization studies in cosmetic preparations.
3	Explains the characterization studies in cosmetic preparations.

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.