Course Syllabus

Code - Course Title	**ECZ835 - Analytical Method Development**
Course Type	IX. SEMESTER
Laboratory + Practice	1+0
ECTS	**1.5**
Language of Instruction	Türkçe
Course Type	Area of Specialization II
Course Instructor(s)	PROF. DR. GÖKSEL ARLİ

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		Classification of analytical methods	
Week - 2		Description of the methods	
Week - 3		Physicochemical characteristics of analyte	
Week - 4		Recording	
Week - 5		Sample pretreatment	
Week - 6		Solubility	
Week - 7		Method optimization	
Week - 8		Validation of method	
Week - 9		Validation of method	
Week - 10		Recovery studies	
Week - 11		Calibration studies	
Week - 12		Application of the methods to the method development	
Week - 13		Application of the methods to the method development HPLC	
Week - 14		Application of the methods to the method development HPLC	

Learning Outcomes

#	Learning Outcome
1	evaluate the importance of separation goals and nature of sample.
2	discuss method optimization
3	discuss evaluation of results by using the method

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**