Course Syllabus

Code - Course Title	**FKG515 - Spec. Methods used in Stru. Elucidation of Natural Compounds**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. TEMEL ÖZEK

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction	
Week - 2		UV-VIS Spectroscopy	
Week - 3		Interpretation of UV-VIS Spectra	
Week - 4		UV-VIS Spectrophotometer	
Week - 5		IR Spectroscopy, IR Spectrophotometer	
Week - 6		Interpretation of IR Spectra	
Week - 7		NMR Spectroscopy, 1H-NMR Spectroscopy	
Week - 8		13C-NMR Spectroscopy	
Week - 9		Interpretation of NMR Spectra	
Week - 10		MS Spectroscopy	
Week - 11		Interpretation of MS Spectra	
Week - 12		Interpretation of MS Spectra	
Week - 13		Structure elucidation of natural products by Spectroscopy	
Week - 14		Structure elucidation of natural products by Spectroscopy	

Learning Outcomes

#	Learning Outcome
1	discuss UV Spectroscopy technique.
2	discuss IR Spectroscopy technique.
3	discuss NMR Spectroscopy technique.
4	discuss Mass Spectroscopy technique.

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.