Course Syllabus

Code - Course Title	**FKG509 - Alkoloid Chemistry**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. FATMA ZERRİN SALTAN

Mode of Delivery	Face to face
Prerequisites	Nothing
Courses Recomended	Nothing
Recommended Resources	Tadeusz Aniszewski, ALKALOIDS – SECRETS OF LIFEALKALOID CHEMISTRY, BIOLOGICAL SIGNIFICANCE, APPLICATIONS AND ECOLOGICAL ROLE. Elsevier, 2007
Work Placement	No.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Description of alkaloid and classification	
Week - 2		Classification of alkaloids and chemical structures	
Week - 3		Continue to classification and thier structures	
Week - 4		General biological importances of alkaloids in medicine	
Week - 5		Distribution of alkaloid based on families	
Week - 6		Biosynthetic pathways of some alkaloids	
Week - 7		mid-term exam	
Week - 8		Presentation of homework	
Week - 9		General methods for obtaining of alkaloids-1	
Week - 10		General methods for obtaining of alkaloids-2	
Week - 11		General repetition	
Week - 12		Some methods for the identification of structures in alkaloids	
Week - 13		Trends in identification methods of alkaloids	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Final exam	

Learning Outcomes

#	Learning Outcome
1	Describes alkaloidss. Categorizes alkaloids. Remembers general properties of alkaloids. Comments about methods of obtaining from alkaloids. Gives examples for plant-based alkaloids. Explains biosynthetic pathways.

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.