Course Syllabus

Code - Course Title	**FTT508 - Secondary Metabolites I**
Course Type	
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. NİLGÜN ÖZTÜRK

Mode of Delivery	gace to face
Prerequisites	-
Courses Recomended	FTT 506 Introduction to Phytochemistry
Recommended Resources	W. Ewans (2009) Trease and Evans' Pharmacognosy - 16th Edition - ElsevierJean Bruneton (1999) Pharmacognosy, Phytochemistry, Medicinal Plants 2nd Edition Lavoisier;
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Identification on Primer and Seconder metabolites	
Week - 2		Location of secondary metabolites in plants	
Week - 3		Clasification of secondary metabolites	
Week - 4		Identification and clasification of glycosides	
Week - 5		O- glycosides	
Week - 6		C-, N-, S- glycosides	
Week - 7		Midterm exam	
Week - 8		definition, general properties and extractions of Alkaloids	
Week - 9		AMINO ALKALOIDS, PYRIDINE AND PIPERIDINE ALKALOIDS, TROPAN ALKALOIDS	
Week - 10		ISOKINOLINE ALKALOIDS	
Week - 11		CHINOLINE ALKALOIDS	
Week - 12		IMIDAZOL ALKALOIDS, STEROIDAL ALKALOIDS	
Week - 13		PURINE BASES	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		HALUCINOGENS	

Learning Outcomes

#	Learning Outcome
1	Defines primary and secondary metaboids in plant materials
2	Understand the difference between primary and secondary metaboids in plant materials
3	

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.