Course Syllabus

Code - Course Title	**BİY401 - Plant Mineral Nutrition**
Course Type	VII. SEMESTER
Laboratory + Practice	2+0
ECTS	**2.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ BANU AYTÜL EKMEKÇİ

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	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction	
Week - 2		Explaination of mineral nutrition content of plants	
Week - 3		Explaination of mineral nutrition content of plants	
Week - 4		Explaination of essential elements required by high plants	
Week - 5		Explanation of mineral forms taken by plants from the soil.	
Week - 6		Explaination of research methods to study plant nutrition	
Week - 7		Explaination of essential element forms found in soil	
Week - 8		Explanation of absorbsion, transport and translocation of mineral nutrients by plants	
Week - 9		Explanation of absorbsion, transport and translocation of mineral nutrients by plants	
Week - 10		Listing mineral elements, their functions and syptoms occured during their deficiency	
Week - 11		Listing mineral elements, their functions and syptoms occured during their deficiency	
Week - 12		Explaination of factors effecting absorbsion of mineral salts through plant roots	
Week - 13		Explanation of hormons and natural growth regulators	
Week - 14		Explanation of hormons and natural growth regulators	

Learning Outcomes

#	Learning Outcome
1	explain plant mineral content.
2	explain which elements found in soil and how much quantity is taken by plant.
3	explain plant diseases occured during mineral deficiency.

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 (%)
Final Exam	1	60
2.Midterm Exam	1	30
Homework	1	10
	Sum (%)	**100**