Course Syllabus

Code - Course Title	**FBT501 - Plant Morphology**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. YAVUZ BÜLENT KÖSE

Mode of Delivery	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.
Recommended Resources	Yakar, N. (1983) Bitki Morfolojisine Giriş (Introduction to Plant Morphology), İstanbul Univ. Science Fac. Publ. No: 185, İstanbul, Turkey. Weberling, F. (1989) Morphology of Flowers and Infloresens, Cambridge Univ. Publ., Cambridge.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Plant general structure, Plant organs, Plant habitate	
Week - 2		Plant life forms, Plants according to nutritional physiology	
Week - 3		Root morphology, root types, root-end feature	
Week - 4		Functions of roots, root metamorphosis	
Week - 5		Stem morphology, Stem types, stem origin and stem growth, buds development and growth	
Week - 6		Stem branching shapes, Stem metamorphosis, leaf arrangement in the stem	
Week - 7		Leaf morphology, leaf types, leaf veins	
Week - 8		Midterm exam	
Week - 9		Leaf apex, leaf base, leaf-edge	
Week - 10		Petioles, leaf arrangement, Leaf metamorphosis, heterophile	
Week - 11		Flower morphology, flower formulas, flower diagrams, flower symmetry	
Week - 12		Inflorasens, the sex distribution in the flower, flower maturation	
Week - 13		Stamen structure, anther opening, ovary-ovule structure, stylus- stigma types	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Final exam	

Learning Outcomes

#	Learning Outcome
1	explain morphological structures of plants.
2	explain external morphological structure and functions of root and stem
3	explain external morphological structure and function of leaves and flowers

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**