Course Syllabus

Code - Course Title	**FBT615 - Cytotaxonomy**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. SEVİM KÜÇÜK

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There are not any recommended optional program components.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Place and Importance of Cytological Characters in Taxonomy	
Week - 2		Some Terms Used in Cytotaxonomy:	
Week - 3		Plant Cell and Cell Structure; Chromosome Morphology	
Week - 4		Chromosome Number, Behavior of Chromosomes;	
Week - 5		Polyploidy and Taxonomy	
Week - 6		Germination of Seeds	
Week - 7		Collection of Chromosome Materials from Root Tips;	
Week - 8		Fixation; Preparation of Chromosome Preparations	
Week - 9		Observation of Mitosis in Root Tips	
Week - 10		Chromosome Counting Methods	
Week - 11		Chromosome Staining Techniques	
Week - 12		Feulgen staining technique	
Week - 13		Aceto-orcein staining technique	
Week - 14		Creation of Idiograms	

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.