Course Syllabus

Code - Course Title	**ECZ138 - Pharmaceutical Botany I**
Course Type	II. SEMESTER
Laboratory + Practice	4+1
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ NAGEHAN SALTAN

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.
Recommended Resources	Maksut Çoşkun et al. 2021, Pharmaceutical Botany
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Pharmaceutical Botany and Classification of Plants, Nomenclature of Plants, Identification of Plants, Works and Herbariums on the Flora of Türkiye - Fungi, Lichens and Ferns	
Week - 2		Organography; Root, Stem, Leaf-Conifers	
Week - 3		Organography; Flower, Fruit, Seed-Conifers	
Week - 4		Nomenclature of Drugs-Monocotyledons	
Week - 5		Bacteriophyta, Cyanophyta. Phycophyta: Diatomeae, Phaephyceae, Rhodophyceae-Leaf morphology	
Week - 6		Mycophyta: Eumycetes, Ascomycetes, Basidiomycetes, Lichenes, Bryophyta-Fruit and seed morphology	
Week - 7		Pteridophyta: Equicetaceae. Licopodiaceae, Huperziaceae, Aspidiaceae, Polipodiaceae, Aspleniaceae- Ranunculaceae and Solanaceae	
Week - 8		Spermatophyta: Cycadaceae, Ginkgoaceae. Taxaceae, Araucariaceae, Pinaceae-Rosaceae	
Week - 9		Taxodiaceae, Cupressaceae-Boraginaceae	
Week - 10		Ephedraceae, Welwitschiaceae, Angiospermae:Monocotyledones,Poaceae, Cyperaceae-Euphorbiaceae	
Week - 11		Palmae Aracaceae, Bromeliaceae, Liliaceae, Amaryllidaceae- Lamiaceae	
Week - 12		Iridaceae, Dioscoreaceae, Musaceae- Asteraceae	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Zingiberaceae, Marantaceae, Orchidaceae- Fabaceae	
Week - 14		Zingiberaceae, Marantaceae, Orchidaceae- Fabaceae	

Learning Outcomes

#	Learning Outcome
1	Explain Pharmaceutical Botany and Classification of Plants, Nomenclature of Plants, Identification of Plants, Works and Herbariums Related to the Flora of Türkiye.
2	Explain root, stem and leaf.
3	Explain flower, fruit and seed.
4	Explain the Naming of Drugs.
5	Explain the groups of the plant kingdom and seedless plants.
6	Explain Seed Plants.
7	Explain fungi, lichens and ferns.
8	Explain conifers and the Pinaceae family.
9	Explain the Cupressaceae and Taxaceae families.
10	Explain the monocotyledons, Asparagaceae and Amaryllidaceae families.
11	Explain the leaf, its parts and leaf types.
12	Explain fruit and seed.
13	Explain the general characteristics of dicotyledons and the families Ranunculaceae and Solanaceae.
14	Explain the Rosaceae family.
15	Explain the Boraginaceae family.
16	Explain the Brassicaceae family.
17	Explain the Euphorbiaceae family.
18	Explain the Lamiaceae family.
19	Explain the Asteraceae family.
20	Explain the Fabaceae family.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload

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.