PLANT IDENTIFICATION I

1	Course Title:	PLANT IDENTIFICATION I
2	Course Code:	SBYZ107
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	1.00
10	Laboratory (hour/week):	0
11	Prerequisites:	-
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr. Gör. Dr. YILMAZ DORUK
15	Course Lecturers:	Öğr.Gör.Dr.Yılmaz DORUK
16	Contact information of the Course Coordinator:	yzdoruk@uludag.edu.tr, 02242942374, U.Ü.Teknik Bilimler Meslek Yüksekokulu B Blok-Görükle Kampüsü/Bursa
17	Website:	
18	Objective of the Course:	Aim of this course, is to give information about external morphological structure, ecological requirements and landscape using of Gymnospermae plants (Conifer trees).
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Content of the course “Plant Identification-I” some related basic concepts and enabling students to comprehend the naming and classification of plants.
	2	Explain the roots, leaves, flowers and fruits of plant
	3	Explain botanical characteristics of some gymnospermae plants
	4	Explain ecological characteristics of some gymnospermae plants
	5	Explain their usage for landscape arrangements of some gymnospermae trees
	6	Summarize functions of trees for plantation design
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21	Course Content:	

Course Content:

Week	Theoretical	Practice
1	Introduction, basic concept and naming of plants.	Will be given information about plants (Thuja) of Cupressaceae family their leaves,cones,trunk bark shoots, buds and seed features.

2	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (trees) such as Thuja	Introduction of general characteristics and various organs (trunk, leaves, cones, fruit ,shoots,buds,bark and seed of plants(Taxus) of Taxaceae family.
3	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such as Taxus	Will be given information about plants (Cupressus) of Cupressaceae family their leaves,cones,trunk bark shoots, buds and seed features.
4	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such as Cupressus	Introduction of general characteristics and various organs (trunk, leaves, cones, fruit ,shoots,buds,bark and seed of plants(xCupressocyparis) of Cupressaceae family.
5	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such as xCupressocyparis	Will be given information about plants (Juniperus) of Cupressaceae family their leaves,cones,trunk bark shoots, buds and seed features.
6	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such as Juniperus	Introduction of general characteristics and various organs (trunk, leaves, cones, fruit ,shoots,buds,bark and seed of plants(Picea) of Pinaceae family.
7	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such	Will be given information about plants (Cryptomeria) of Cupressaceae family their leaves,cones,trunk bark shoots, buds and seed features.
8	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such as Chamaecyparis	Introduction of general characteristics and various organs (trunk, leaves, cones, fruit ,shoots,buds,bark and seed of plants(Chamaecyparis) of Cupressaceae family.
9	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such as Abies	Introduction of general characteristics and various organs (trunk, leaves, cones, fruit ,shoots,buds,bark and seed of plants(Abies) of Pinaceae family.
10	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such as Cedrus	Introduction of general characteristics and various organs (trunk, leaves, cones, fruit ,shoots,buds,bark and seed of plants(Cedrus) of Pinaceae family.
11	midterm exam, and the characteristics of and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such as Cedrus	Introduction of general characteristics and various organs (trunk, leaves, cones, fruit ,shoots,buds,bark and seed of plants(Pinus and Araucaria) of Pinaceae and Araucariaceae family. Technical visit to the nursery
13	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants (Conifers) such as Araucaria and Pinus	Will be given information about plants (Calocedrus) of Cupressaceae family their leaves,cones,trunk bark shoots, buds and seed features. Technical visit to the nursery
14	The characteristics of ecological, botanical, functional/ aesthetic and, environmental conditions, varieties, using for outdoors of some Gymnospermae plants such as Ginkgo and Calocedrus	Introduction of general characteristics and various organs (trunk, leaves, cones, fruit ,shoots,buds,bark and seed of plants(Ginkgo.) of Ginkgoaceae family.

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self study and preparation	14	3.00	42.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	2	10.00	20.00
Others	2	5.00	10.00
Final Exams	1	10.00	10.00
Total Work Load			124.00
Total work load/ 30 hr			4.13
ECTS Credit of the Course			4.00

22	Textbooks, References and/or Other Materials:	• Ceylan , G.1999. Dış Mekan Süs Bitkileri ve Peyzajda Kullanımları –Flora Yayınları-İstanbul • Süs Bitkileri.1996. Mengüç,A. Anadolu Üniversitesi, Açıköğretim Fakültesi Yayınları.Eskişehir. • Lisa, F. At. All. (Editors) 1999. Botanica. 997 p. • Gordon, C. 1992. Trees and Shrubs for Temperate Climates.

23 Assesment

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	2	50.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	50.00
Total	3	100.00
Contribution of Term (Year) Learning Activities to Success Grade		50.00
Contribution of Final Exam to Success Grade		50.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24 ECTS / WORK LOAD TABLE

25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	1	4	5	2	0	3	0	0	0	0	0	0	0	0
ÖK2	0	0	1	4	5	2	0	3	0	0	0	0	0	0	0	0
ÖK3	0	0	1	4	5	2	0	3	0	0	0	0	0	0	0	0
ÖK4	0	0	1	4	5	2	0	3	0	0	0	0	0	0	0	0
ÖK5	0	0	1	4	5	2	0	3	0	0	0	0	0	0	0	0
ÖK6	0	0	1	4	5	2	0	3	0	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High