

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
PLANT MATERIALS II	KTP3111413	Fall Semester	2+2	3	4
Prerequisites Courses	BİTKİ MALZEMELERİ I				
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assoc.Prof. Bahar BAŞER KALYONCUOĞLU				
Name of Lecturer(s)	Assoc.Prof. Bahar BAŞER KALYONCUOĞLU				
Assistant(s)					
Aim	To teach the methods of recognizing the types of trees, shrubs, grinders and winders that can grow in our country, To comprehend the growing requirements of these plants and their use in landscape design, To comprehend the usage alternatives and species selection principles of plants in landscape design.				
Course Content	This course contains; Introducing the course content and processing Documentary: Tropical forests, Deciduous trees: Angiospermae taxa, Deciduous shrubs: Angiospermae taxa, Deciduous shrubs: Angiospermae taxa, Recognition of herbaceous plants and grinders, Recognition of herbaceous plants and grinders, Knowing aquatic plants, types and typologies of water plants, Reeds and bamboos, cacti and succulents, Evergreen shrubs and trees: Angiospermae taxa, Evergreen shrubs and trees: Angiospermae taxa, Evergreen shrubs and trees: Angiospermae taxa, Plant species like shadow and dump environments, Categorization of all plants recognized in the course.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
1.To know the evolutionary process and biological features of angiospermeae plants.			16, 37, 9	A, E	
3.Recognizes smal trees, bushes, climbers and groundcover species used in landscape design, and categorizes them.			16, 6, 9	A, E	
4.Comprehend the production methods, growth demands and conditions, morphological and physiological characteristics of angiospermeae species.			16, 6, 9	A, E	
5.Knows usage, importance and functions of small trees , bushes, climbers and groundcovers in landscape applications and match with landscape design.			6, 9	A, E	
2. Analyze the phytogeographical structure of earth and Türkiye on the map, recognizes regional plant-zones and sort them..			16, 37, 9	A	
Teaching Methods	16: Question - Answer Technique, 37: Computer-Internet Supported Instruction, 6: Experiential Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, E: Homework				
Lecture Schedule					
Sequenc e	Topics	Preliminary Preparation			
1	Introducing the course content and processing Documentary: Tropical forests				
2	Deciduous trees: Angiospermae taxa				
3	Deciduous shrubs: Angiospermae taxa				
4	Deciduous shrubs: Angiospermae taxa				
5	Recognition of herbaceous plants and grinders				
6	Recognition of herbaceous plants and grinders				
7	Knowing aquatic plants, types and typologies of water plants				
8	Reeds and bamboos, cacti and succulents				
9	Evergreen shrubs and trees: Angiospermae taxa				
10	Evergreen shrubs and trees: Angiospermae taxa				
11	Evergreen shrubs and trees: Angiospermae taxa				
12	Evergreen shrubs and trees: Angiospermae taxa				
13	Plant species like shadow and dump environments				
14	Categorization of all plants recognized in the course				
Evaluation Methods		Weight(%)			
Midterm Exam		50			
General Exam		50			

Resources
Mamikoğlu of N. G., 2007. Turkey's Trees and Shrubs for NTV Publications, Istanbul YALTIRIK, F., Efe, A., 1994. Textbook of Dendrology, Istanbul University Faculty Publications, Istanbul. Yaltirik, F., 1991. Recognition of some deciduous trees and shrubs in winter, Forestry Education and Culture Foundation Publications, Istanbul. Pamay, B., 1992. Plant Material, Istanbul. Ferguson, N., 1949. Right plant, right place, ed. Joanne Wilson, New York: Fireside Book, 2005. Mataracı, T. 2004. Marmara Region Natural-Exotic Tree and Shrubs, TEMA Foundation Publications Atatürk Arboretum, 2008. Atatürk Arboretum Tree and Shrubs, Atatürk Arboretum Publications. Ebcioğlu, N., 2003. Garden and Ornamental Plants, Trees, Trees, Shrubs, etc., Remzi Bookstore Sagittarius