PLANT DIVERSITY OF TURKEY

1	Course Title:	PLANT DIVERSITY OF TURKEY
2	Course Code:	BYL0506
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	4
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. GÜL KUŞAKSIZ
15	Course Lecturers:	Doç. Dr. Gül KUŞAKSIZ
16	Contact information of the Course Coordinator:	gult@uludag.edu.tr Tel: 0 (224) 294 1787 Uludağ Üniversitesi Fen-Edebiyat Fakültesi B Blok Görükle Kampüsü, Nilüfer/BURSA 16059
17	Website:	
18	Objective of the Course:	The aim of the course is to introduce the richness of flora in Turkey, plant species used for different aims which is an important economical aspect in Turkey; field plants, grains, leguminous seed, industrial plants, garden plants, vegetable and fruits, ornamental plants, medical and aromatic plants, forest trees. The goals are to teach the rich plant diversity at our country to introduce the usage, protection and operation of these plants.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Explains floristic richness of Turkey is connected to topographical, geological properties and climate.
	2	Defines the phytogeographic regions of Turkey.
	3	Lists plant genetic resources in Turkey
	4	Explains the factors that reduce the genetic diversity of plants.
	5	Applies some of the studies for in-situ conservation of plant genetic diversity in Turkey.
	6	Explains the things to be done for the protection of plant diversity out of location (ex-situ).
	7	Lists the endemic and endangered plant species in Turkey.
	8	
	9	
	10	
21	Course Content:	
	Course Content:	

Week	Theoretical	Practice
1	Floristic richness of Turkey, which is due to topographical, geological structure and climate.	
2	Phytogeographical region in terms of preservation of genetic diversity of plant species is widely distributed in the borders and regions.	
3	Status of plant genetic resources in Turkey: species richness, endemic and endangered species, plants that are utilized.	
4	Factors that reduce the genetic diversity of plants: agricultural activities, industrilization, urbanization, forestry activities and fires.	
5	Laws and regulations that protect the diversity of plant genetic resources, international treaties and cooperation in Turkey; Also, international organizations which Turkey is a member of, relevant organizations and institutions.	
6	Protected areas; forest areas, agricultural field, pasture fields and other fields.	
7	Repeating of course and Midterm Exam	
8	Conservation programs in effect, natural conservation areas, national parks, nature parks, nature conservation areas, natural monuments.	
9	Conservation programs in effect; biogenetic reserve areas, conservation forests, protection forests gene, seed stands, gene conservation management areas and other programs.	
10	Complementary protection programs in place; seed gardens, gene banks, collection gardens.	
11	Research and education: taxonomical, ecological, biological research.	
12	On the protection of in-situ research; community education, staff training, information production and exchange.	
13	Genetic erosion and vegetation types from forest tree species with the importance of local breeds and genetic pollution problems.	
14	The importance of protecting natural areas and plant species to humanity.	

22	Textbooks, References and/or Other Materials:	T. EKİM, A. GÜNER, The Floritic Richnes of Turkey, Curtis's Botanical Magazine, Vol. 17, p:48-59, May 2000. Z. KAYA, E. KÜN, A. GÜNER, Türkiye Bitki Genetik Çeşitliliğinin Yerinde (IN SITU) Korunması Ulusal Planı, Çevre Bakanlığı, 1998. K. IŞIK, Çevre Sorunları Biyolojik Çeşitlilik ve Orman Gen Kaynaklarımız, TEMA, Doyuran Matbaa, 1999.
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00

Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24 ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	2	8.00	16.00
Homeworks	1	10.00	10.00
Projects	1	6.00	6.00
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			100.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

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	0	2	0	0	0	0	3	2	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
ÖK6	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	3	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