



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Plant Biodiversity of Turkey							
Course Code		TAP204		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	96 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Introducing together with the reasons for the plant diversity in Turkey Also available for in situ conservation of plant diversity law, regulations, on-site learning the methods of prevention. Thus knowing that students will plant diversity in the field of botanical studies, aimed to be more successful. Learning Grounds Important Plant in Turkey.							
Course Content		The reasons of floristic richness in Turkey, the plant genetic resources of Turkey, endemic and endangered plants of Turkey, the studies for in-situ and ex-situ conservation of plant genetic diversity in Turkey and the world. The fight against bio-smuggling. The reasons that make Turkey's rich plant diversity.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Türkiye Bitkileri Kırmızı Kitabı, Ankara, 2000.
2	Ulusal Biyolojik Çeşitlilik Stratejisi ve Eylem Planı, TC Çevre ve Orman Bakanlığı, 2008
3	Türkiye Bitki Genetik Çeşitliliğinin Yerde (In Situ) Korunması Ulusal Planı, TC Çevre ve Orman Bakanlığı
4	Kaz Dağları'nda Belirlenen Gen Koruma Ve Yönetim Alanları (Gekya) Ve Yönetim Plan Modeli Yaklaşımı.Özel, N., Gül, A., Akkaş, E., 2010.
5	Türkiye'nin 122 Önemli Bitki Alanı - Neriman Özhatay - Doğal Hayatı Koruma Derneği, 2005.

Week	Weekly Detailed Course Contents	
1	Theoretical	Floristic richness of Turkey, which is due to topographical, geological structure and climate
2	Theoretical	Phytogeographical region in terms of preservation of genetic diversity of plant species is widely distributed in the borders and regions
3	Theoretical	Status of plant genetic resources in Turkey: species richness, endemic and endangered species, plants that are utilized
4	Theoretical	Factors that reduce the genetic diversity of plants: agricultural activities, industrilization, urbanization, forestry activities and fires
5	Theoretical	The diversity of plant genetic resources protect to laws and regulations, international treaties and cooperation in Turkey also Turkey is member of international organizations, relevant organizations and institutions.
6	Theoretical	Conservation programs in effect, natural conservation areas, national parks, nature parks, nature conservation areas, natural monuments.
7	Theoretical	Conservation programs in effect, complementary protection programs in place.
8	Intermediate Exam	The exam
9	Theoretical	Genetic erosion and vegetation types from forest tree species with the importance of local breeds and genetic pollution problems
10	Theoretical	The importance to humanity of protecting natural areas and plant species.
11	Theoretical	Important Plant Areas in Turkey (Mediterranean Region)
12	Theoretical	Important Plant Areas in Turkey (Central Anatolia Region)
13	Theoretical	Important Plant Areas in Turkey (East Anatolia Region)
14	Theoretical	Important Plant Areas in Turkey (Marmara and Southeastern Anatolia Region)
15	Theoretical	Important Plant Areas in Turkey (Black Sea and the Aegean Region)
16	Final Exam	The exam



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	3	56
Assignment	2	7	1	16
Midterm Examination	1	9	1	10
Final Examination	1	13	1	14
Total Workload (Hours)				96
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Learning the reasons why Turkey is rich in plant genetic resources
2	Turkey the status of plant genetic resources; have information about species richness, endemic and endangered species.
3	The Important Plant Areas in Turkey are learned.
4	Learn protection methods and laws
5	Realize the plant richness we have

Programme Outcomes (Medical and Aromatic Plants)

1	Understands the importance of medicinal and aromatic plants in the World and Turkey
2	Learn about the general characteristics of medicinal and aromatic plants. Learn the important issues in cultivation and can apply.
3	Learn about usage technologies about medicinal and aromatic plants and can apply.
4	Inform of producers of medicinal and aromatic plant species in offering, material supply, production process, marketing matter.
5	Know and follow the laws and regulations pertaining to the profession.
6	Learns morphological and anatomical structures of plants.
7	Learns to identify medicinal and aromatic plants.
8	To be able to behave sensitively towards environmental issues at national and global levels and to be able to interpret solution-oriented information; to be able to be an environmentally conscious and entrepreneurial individual
9	To be able to follow, evaluate and implement new developments and applications in the cultivation of medicinal and aromatic plants independently or as a team.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P4	5	5	4	5	4
P5	5	5	4	5	5
P8	5	5	4	5	5

