

#### AYDIN ADNAN MENDERES UNIVERSITY GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES LANDSCAPE ARCHITECTURE LANDSCAPE ARCHITECTURE LANDSCAPE ARCHITECTURE MASTER COURSE INFORMATION FORM

Course Title	Vegetation Analyses in Landscape Planning							
Course Code	ZPM516		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit 8	Workload	200 <i>(Hours)</i>	Theory	3	Practice	0	Laboratory	0
Objectives of the Course To introduce landscape architecture with the general overview of vegetation science. Under the scope landscape analysis, to evaluate the criteria of landscape quality such as naturalness and hemoroby a to teach the use of syntaxonomic indicators for the mapping of vegetation cover						scope of oby and		
Course Content Syn-taxonomic indicators, vi structure, function of vegeta environment, Synantropic vi			egetation ana tion analysis egetation, ve	alysis meth in determi getation m	ods, use of ve nation of anthr ap, Habitat cla	getation indica opogenic effe ssification sys	ator in study of e cts on natural tems (CORINE,	cological EUNIS).
Work Placement	N/A							
Planned Learning Activities and Teaching Methods		Explanation	(Presentat	tion), Demonst	ration, Discus	sion		
Name of Lecturer(s)								

#### **Assessment Methods and Criteria**

Method	Quantity	Percentage (%)	
Midterm Examination	1	40	
Final Examination	1	60	

#### **Recommended or Required Reading**

1	Akman, Y., Ketenoğlu, O.,1992. Vejetasyon Ekolojisi ve Araştırma Metodları, Ankara Üniversitesi Fen Fakültesi, Ankara
2	CORINE Biotopes manual - Habitats of the European Community, Data specifications Part 2, EUR 12587/3 EN
3	Çetik, A.R., 1973. Vejetasyon bilimi, Ankara Üniversitesi Fen Fakültesi, Ankara.
4	Yılmaz, K.T., Kosztolanyi A., Alphan, A., Çevik, C., Çakan, H., Kapur, S., 2011. Tuz Gölü Lagünü ve Bağlantılı Sulak Alan Ekosisteminde Kıyı Habitatlarının Kısa Dönemli İzlenmesi, TÜBİTAK 108Y329/ÇAYDAG Sonuç Raporu.

Week	Weekly Detailed Cours	Detailed Course Contents						
1	Theoretical	Fundamentals of Syn-taxonomy						
2	Theoretical	Syn-taxonomic indicators						
3	Theoretical	Vegetation analysis methods						
4	Theoretical	Quadrat method						
5	Theoretical	Ribbon-line method						
6	Theoretical	Transects and combined methods						
7	Theoretical	Use of plant cover indicator in examining ecological structure						
8	Theoretical	Function of plant cover analysis in determining anthropogenic effects on natural environment						
9	Intermediate Exam	Mid-term exam						
10	Theoretical	Synantropik vejetasyon						
11	Theoretical	Synantropic vegetation						
12	Theoretical	Vegetation maps						
13	Theoretical	Habitat classification systems (CORINE, EUNIS)						
14	Theoretical	Identification of syn-taxonomic indicators in habitat classification						
15	Theoretical	Identification of syn-taxonomic indicators in habitat classification						
16	Final Exam	Final Exam						

### **Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload	
Lecture - Theory	14	8	3	154	
Midterm Examination	1	20	1	21	



				Course mormation i om
Final Examination	1	24	1	25
		Т	otal Workload (Hours)	200
		[Total Workload	(Hours) / 25*] = <b>ECTS</b>	8
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Methods of vegetation analysis
2	Employing vegetation indicator in studying ecological features
3	Functional vegetation analysis in determining anthropogenic impacts on natural environments
4	Synantropic vegetation, vegetation maps
5	The introduction of habitat classification systems (CORINE, EUNIS) and syn-taxonomic indicators

# Programme Outcomes (Landscape Architecture Master)

1	e		
2	e		
3	e		
4	e		
5	e		

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

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	5	5	5	5	5
P4	5	5	5	5	5