



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Phytosociology							
Course Code		BİO551		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	6	Workload	156 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Pytosociology is a branch of Ecology which is responsible for identification and classification of the vegetation units. This course aims to comprehend the students the methods of vegetation studies used for identifying and classifying the vegetation units.							
Course Content		Understanding of methods for identification and classification of the vegetation units.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Prof. Ali ÇELİK							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	KILINÇ, M. 2007. Bitki Sosyolojisi (Vejetasyon Bilimi). Palme yayınevi, Ankara.
2	BRAUN-BLANQUET, J. 1932. Plant Sociology. The study of plant communities. New York, London: McGraw Hill Book Company.
3	Akman, Y.; Ketenoğlu, M.; Kurt, F. 2011. Vejetasyon Ekolojisi ve Araştırma Metotları

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition and concepts of pytosociology
2	Theoretical	The history of pytosociological studies in Turkey and in the world
3	Theoretical	How does vegetation occur and develop?
4	Theoretical	Methods of the pytosociology used for identifying and clasifying vegetation units
5	Theoretical	Methods of the pytosociology used for identifiyng and clasifying vegetation units
6	Theoretical	The synhiearchical system of pytosociology
7	Theoretical	Relevés and types of relevés
8	Theoretical	Braun-Blaunquet Method
9	Intermediate Exam	Midterm Exam
10	Theoretical	The concept of minimal area and determination of its size
11	Theoretical	Establishing and evaluating vegetation tables with the help of Braun-Blaunquet method, Analysis of plant association and communities 1
12	Theoretical	Establishing and evaluating vegetation tables with the help of Braun-Blaunquet method, Analysis of plant association and communities 2
13	Theoretical	Establishing and evaluating vegetation tables with the help of Braun-Blaunquet method, Analysis of plant association and communities 3
15	Theoretical	Establishing and arranging of synoptic table
16	Theoretical	Preparing of life form and chorotype spectra of plant associations
17	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	2	3	75
Assignment	15	2	1	45
Reading	15	1	1	30
Midterm Examination	1	2	1	3



Final Examination	1	2	1	3
Total Workload (Hours)				156
[Total Workload (Hours) / 25*] = <b>ECTS</b>				6
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To be able to comprehend the basic concepts of pytosociology
2	To be able to comprehend how vegetation occurs and develops
3	To be able to comprehend relevés and types of relevés
4	To be able to comprehend the methods for determination of vegetation units
5	To be able to recognize the naming plant associations

### Programme Outcomes (Plant Protection Master)

1	To develop knowledge and abilities that gained during undergraduate education
2	To gain ability to search and pursue current literature
3	To gain ability to plan and write projects that help solving problems in field of study.
4	To gain ability to conduct research, analyze data, evaluate research results scientifically and prepare reports and thesis writing.
5	Students will be able to learn and apply the laboratory test and analysis methods
6	To recognize occupational and ethical responsibility

### 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	3	4	4	3	3
P2	3	4	4	4	4
P3	4	3	4	3	4
P4	3	3	4	3	4
P5	3	3	4	3	4
P6	3	4	4	3	4

