



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES
FIELD CROPS
FIELD CROPS
FIELD CROPS MASTER
COURSE INFORMATION FORM

Course Title	Vegetation Assessment and Evaluation Techniques								
Course Code	ZTB527	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	8	Workload	200 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	The principles of Natural resource management, approaches about natural resource management, inform students current developments and trends in natural resources, using and management of natural resources and solutions for emerging problems provide them with evaluations								
Course Content	Basic concepts related to natural resources, Classification of natural resources, fundamentals of natural resources, approaches about natural resource management, current developments and trends in natural resources, legal-organization arrangements of natural resources in Turkey and the World								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Project Based Study, Problem Solving								
Name of Lecturer(s)	Prof. Mustafa SÜRMEK								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	1. Altın, M., Gökkuş, A. ve Koç, A. 2011. Çayır ve Mera Yönetimi (II.cilt Tenel İlkeler). Tarım ve Köyişleri Bakanlığı Yayınları. Ankara.
2	2. Gökkuş A, Koç A, Çomaklı B., 2000, Çayır-Mera Uygulama Klavuzu, Atatürk Üniversitesi Ziraat Fakültesi Yayınları No: 142, Erzurum
3	3. Anonim 2008, Türkiye'nin Çayır ve Mera Bitkileri, T.C. Tarım ve Köyişleri Bakanlığı Tarımsal Üretim ve Geliştirme Genel Müdürlüğü, Çayır Mera, Yem Bitkileri ve Havza Geliştirme Daire Başkanlığı, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to the course
2	Theoretical	Botanical composition
3	Theoretical	Characters of meadow pastures
4	Theoretical	Pasture conditions and effective factors.
5	Theoretical	The effects of topographic and mechanical topographic factors on meadow pasture vegetation
6	Theoretical	Biotic factors in meadow pasture vegetations
7	Theoretical	Various plant formations
8	Theoretical	Various plant formations
9	Intermediate Exam	Midterm
10	Theoretical	Qualitative and quantitative characters
11	Theoretical	Qualitative and quantitative characters
12	Theoretical	Important measurement and measurement methods used in quantitative and qualitative measurement
13	Theoretical	Important measurement and measurement methods used in quantitative and qualitative measurement
14	Theoretical	Theoretical and practical knowledge of quadrature loop, transect and point methods
15	Theoretical	Theoretical and practical knowledge of quadrature loop, transect and point methods
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28



Lecture - Practice	14	0	2	28
Assignment	1	0	50	50
Term Project	1	0	50	50
Laboratory	5	0	2	10
Midterm Examination	1	0	14	14
Final Examination	1	0	20	20
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = ECTS				8

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	
2	
3	
4	
5	

Programme Outcomes (Field Crops Master)

1	To be able to improve and deepen the level of expertise in field crops on the basis of the departments licenses qualifications.
2	To be able to recognize the subjects related to field crops, to be able to solve these and make interpretation.
3	To be able to have the skills of acting independently, to have power to decide and to create.
4	To be able to work in teams between departments
5	To be able to give briefing about latest information of Field Crops in written, oral and visual ways.
6	To be able to take responsibility for developing the new approaches and to formulate a solution facing unforeseen complex situations of applications,
7	To be able to defend the original opinions in both Turkish and in foreign languages by using these languages and communicating effectively.
8	To be able to contribute to science by producing knowledge for the aim of improving quality, efficiency and sustainability
9	To be able to apply breeding methods in order to improve new varieties for Field Crops.
10	To be able to maintain and select the appropriate statistical methods within the framework of the study, evaluation of scientific ethics; to convert the results into a report/dissertation and to offer them by producing scientific publications.

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
P3	5	5	5	5	5
P4	5	5	5	5	5
P5	5	5	5	5	5
P6	5	5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	5	5	5	5	5
P10	5	5	5	5	5

