



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

Course Title	Management Principles of Land Use								
Course Code	ZTO531	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	7	Workload	175 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Determination of sustainable uses in planning for land use and emphasizing the importance of land use planning methods								
Course Content	The course primarily includes land, land concept, definition and purposes of land use planning. In this regard, land, soil, land factors and land use planning methods are explained comprehensively.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study								
Name of Lecturer(s)	Lec. Alper YORULMAZ								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Şenol, S. 1995. Arazi Değerlendirme. Çukurova Üniversitesi Ziraat Fakültesi Toprak bölümü Ders Noları. Adana p.38.
2	FAO, 1996. Guidelines for Land Use Planning. Food and Agriculture Organization of the United Nations (FAO), Inter-Departmental Working Group on LAnd Use Planning, 121 pages, Rome, Italy.
3	Şenol, S. ve Tekeş, Y. 1995. Arazi Değerlendirme ve arazi Kullanım Planlaması amacıyla Geliştirilmiş Bir Bilgisayar Modeli.

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of Soil and Land
2	Theoretical	Definition and Objectives of Land Use Planning
3	Theoretical	Principles of Land Use Planning
4	Theoretical	General Problems in Land Use
5	Theoretical	Land Qualification and Classification Criterias
6	Theoretical	Land Factors in Land Use
7	Theoretical	Determination of Land Factors by Morphological Observations
8	Intermediate Exam	Midterm Exam
9	Theoretical	Characteristic Features in Land Use
10	Theoretical	Evaluation of Social and Environmental Impacts of Land Use Planning
11	Theoretical	Land Use Types
12	Theoretical	Methods Used in Land Use Planning
13	Theoretical	Methods Used in the World in Land Use Planning
14	Theoretical	Methods Used in Turkey in Land Use Planning
15	Theoretical	Innovations in Land Use Planning
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	40	40
Term Project	1	0	50	50
Individual Work	5	0	1	5
Midterm Examination	1	0	20	20



Final Examination	1	0	32	32
			Total Workload (Hours)	175
			[Total Workload (Hours) / 25*] = ECTS	7
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Definition and properties of land and soil concept
2	Learning the principles of land use planning
3	Relation of land features with land use planning
4	Understanding the relationship between soil and land use
5	Methods of land use planning

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	2	3	2	2	3
P2	2	3	2	2	2
P3	2	3	2	2	2
P4	2	3	2	2	2
P5	2	2	2	3	2
P6	2	2	3	3	2
P7	2	2	3	3	2
P8	2	2	3	3	3
P9	2	2	3	3	3
P10	2	2	3	3	3

