

# DATABASE MANAGEMENT IN THE LAND CONSOLIDATION

1	Course Title:	DATABASE MANAGEMENT IN THE LAND CONSOLIDATION	
2	Course Code:	BSM5011	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. ŞERİFE TÜLİN AKKAYA ASLAN	
15	Course Lecturers:	Yok	
16	Contact information of the Course Coordinator:	E-posta: akkaya@uludag.edu.tr Tel: (90) 224 29 41 625 Adres: Bursa Uludağ Üniversitesi Ziraat Fakültesi Biyosistem Mühendisliği Bölümü Görükle Kampüsü 16059 BURSA/ TÜRKİYE	
17	Website:		
18	Objective of the Course:	Land consolidation in data collection, database creation, data analysis and making interpersonal relationships, land consolidation and the use of databases in project planning stage, land grading, the account of the progress; interview study and the redistribution of land and the creation of new advanced information system using GIS techniques	
19	Contribution of the Course to Professional Development:	It will provide the ability to look at land consolidation studies from a wider perspective.	
20	Learning Outcomes:		
		1	Understanding the importance of the database in the Land Consolidation
		2	Acquire the ability to do database design for the land consolidation,
		3	Acquire the ability to use computer programs for the land consolidation
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21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Data sources for land consolidation, acquisition of data, classification,		

2	Use of orthophoto	
3	The creation of relationships between data analysis	
4	The design of the data base for planning the land consolidation	
5	Making planning work with the database	
6	Land consolidation of the planning data base, to be transferred to the project stage	
7	Establishment of land grading map	
8	Account the value of the parcel and block value	
9	Account the value of the parcel and block value	
10	The preferences of the owners work	
11	Be transferred to the the preferences of the owners information and performing analysis of information systems - block making distribution	
12	Block balancing - the making inside blocks parcel sorting	
13	Establishment of redistribution map	
14	Creating a new information system	
22	Textbooks, References and/or Other Materials:	1. Arıcı, İ., Akkaya Aslan, Ş.T. 2010. Arazi Toplulaştırması, Planlama ve Projelemesi. Uludağ Üniversitesi Ziraat
Activites		Number
		Duration (hour)
		Total Work Load (hour)
Theoretical	11	3.00
Practicals/Labs	0	0.00
Self study and preperation	40	40.00
Homeworks	5	10.00
Projects	6	20.00
Field Studies	0	0.00
Midterm exams	0	0.00
Assesment	0	0.00
Others	0	0.00
Final Exams	1	15.00
Total Work Load		187.00
Quiz	0	0.00
Total work load/ 30 hr		6.23
ECTS Credit of the Course		6.00
Final Exam	1	100.00
Total	1	100.00
Contribution of Term (Year) Learning Activities to Success Grade		0.00
Contribution of Final Exam to Success Grade		100.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		1 final exam 1 project assignment
24	ECTS / WORK LOAD TABLE	

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	3	0	3	0	0	0	0	4	0	3	3	3	0	0	0	0
ÖK2	3	0	3	0	0	0	0	4	0	3	3	3	0	0	0	0
ÖK3	3	3	0	0	0	0	0	4	0	3	3	3	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			