



Flow up of implementation celli pass play

Course Instructor	Ibraheem Ahmad Hedras				
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Title	Soil management and land use				
Course Coordinator	The second				
Course Objective	1- The total sum of all field operations and treatments that are carried out on or added to the soil to increase production for plants 2- It includes planning, design and implementation of good soil management 3- Conducting soil surveys 4- Study of soil management problems				
Course Description	1- The student gets to know the concept of soil management 2- The student should classify the soil suitable for agriculture in nature 3- The student should evaluate the cost of soil management 4- The student can conduct land surveys				
Textbook	.Soil and Land Use Management, 1990, Dr. Walid Khaled Hassan Al-Akidi -1 Soil Management in Planning and Land Use, 1999, Dr. Muhammad Khader -2 Abbas				
External					
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	(35%)	(15%)	(10%)		(40%)
General Notes	Type here general notes regarding the course				

Republic of Iraq

The Ministry Of Higher
Education

& Scientific Research

بسم الله الرحمن الرحيم



University: Diyala

College: Agriculture

Department: Soil Sciences and Water
Resources

Stage: Four

Lecturer name: Dr. Ibraheem Ahmad.

Hedras

Qualification: PhD

Place of work: Coll. Of Agriculture

Teaching plan form for the subject

Notes	Practical material	Theoretical material	the date	the week
	Methods of measuring areas on land and on the map	Introduction to soil		1
	Test important drawing scales	Concept and objectives of soil		2
	Legal description of the location of the land and the farm: methods of description, use of GPS to determine the location of the land and the farm	The importance of soil classification in its management, classification and how to benefit from it at the series level		3
	Rules for collecting samples for all agricultural purposes	Soil surveying tasks in its management		4
	Using satellite and aerial photographs and topographical maps to determine sampling sites	Sample and inspection for administrative and scientific research purposes		5
	Soil classification tasks in their management	Legal description of the farm's location locally and internationally		6
	How to use soil survey reports and maps in soil management	Classification of lands for agriculture, engineering, etc. purposes		7
	How to use soil survey reports and maps in soil management	Land use evaluation		8
	Linking the map unit, the classification unit, and the management unit in configuring farm fields	Land quality and its relationship to agricultural production		9
	Linking the map unit, the classification unit, and the management unit in configuring farm fields	General conditions of plant production and their relationship to soil management and producing suitability maps		10
	Practical applications on land valuation methods	Agricultural courses and how to benefit from them		11
	Practical applications on land valuation methods	The conditions of the lands and soil of Iraq, the types of problems and how to manage them		12
	Drawing a map of pedagogical and ideological problems	The conditions of the lands and soil of Iraq, the types of problems and how to manage them		13
	Systematic diagnosis of soil problems on the farm	Diagnosing soil and land problems at the farm level		14
	Preparing the administrative (map (an attempt at application	Farm planning is the administrative program that the specialist must present to the employer		15

Instructor's signature

Dr. Ibraheem Ahmad Hedras

15 / 1 / 20 25

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Prof. Dr. Raed Ibrahim Khalil

15 / 1 / 20 25