

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: Ibraheem A.  
Hedras

Qualification: PhD

Place of work: Soil Sciences and  
Water Resources

## Flow up of implementation celli pass play

Course Instructor	Ibraheem Ahmad Hedras
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Title	Soil management and land use
Course Coordinator	Spring Semester
Course Objective	- 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 -1 .Al-Akidi Soil Management in Planning and Land Use, 1999, Dr. -2 Muhammad Khader Abbas

Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(35%)	As(15%)	As(10%)		As(40%)
General Notes	Type here general notes regarding the course				

### 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	31/1/2024	1
	Test important drawing scales	Concept and objectives of soil	7/2/2024	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	14/2/2024	3
	Rules for collecting samples for all agricultural purposes	Soil surveying tasks in its management	21/2/2024	4
	Using satellite and aerial photographs and topographical maps to determine sampling sites	Sample and inspection for administrative and scientific research purposes	28/2/2024	5
	Soil classification tasks in their management	Legal description of the farm's location locally and internationally	6/3/2024	6
	How to use soil survey reports and maps in soil management	Classification of lands for agriculture, engineering, etc. purposes	13/3/2024	7
	How to use soil survey reports and maps in soil management	Land use evaluation	20/3/2024	8
	Linking the map unit, the classification unit, and the management unit in configuring farm fields	Land quality and its relationship to agricultural production	27/3/2024	9
	Linking the map unit, the classification unit,	General conditions of plant production and their relationship to soil	3/4/2024	10

	<b>and the management unit in configuring farm fields</b>	<b>management and producing suitability maps</b>		
	<b>Practical applications on land valuation methods</b>	<b>Agricultural courses and how to benefit from them</b>	<b>10/4/2024</b>	<b>11</b>
	<b>Practical applications on land valuation methods</b>	<b>The conditions of the lands and soil of Iraq, the types of problems and how to manage them</b>	<b>17/4/2024</b>	<b>12</b>
	<b>Drawing a map of pedagogical and ideological problems</b>	<b>The conditions of the lands and soil of Iraq, the types of problems and how to manage them</b>	<b>24/4/2024</b>	<b>13</b>
	<b>Systematic diagnosis of soil problems on the farm</b>	<b>Diagnosing soil and land problems at the farm level</b>	<b>1/5/2024</b>	<b>14</b>
	<b>Preparing the administrative map (an attempt at application</b>	<b>Farm planning is the administrative program that the specialist must present to the employer</b>	<b>8/5/2024</b>	<b>15</b>

توقيع العميد:

توقيع الأستاذ: