

Republic of Iraq

The Ministry Of Higher
Education

& Scientific Research

بسم الله الرحمن الرحيم



University: Diyala

College: Agriculture

Department: Soil Science and
Water Resources

Stage: second

Lecturer name: osama Ghazi
Ismaeel

Qualification: : Doctor

Place of work: College of
Agriculture

Flow up of implementation celli pass play

Course Instructor	Osama Ghazi Ismaeel				
E-mail	osamaghaze@uodiyala.edu.iq				
Title	Soil ecology and meteorology				
Course Coordinator					
Course Objective	It aims to introduce students to the Soil Ecology and Meteorology and Ecosystem and Environmental factors.				
Course Description	Definition of Ecology , Ecosystem: Biotic and Abiotic components, Environmental factors , temperature, moisture Global Warming , Pollution, Wind, Light and Rain.				
Textbook					
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	20%	15%	5%		60%
General Notes					

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week	Date	Topics Covered	Practical Part
1		The environment and its relationship with humans	Eceology and environment factor
2		The environment and its relationship with humans	Temperature measuring devices
3		Eceology and Ecosystem	Solar radiation measuring devices
4		Climate , Climate cycle , Soil climate	Humidity measuring devices
5		Energy radiation Temperature Winds Atmospheric pressure	Rain measuring devices
6		Water, the relationship of water to plants, humidity	Winds measuring devices
7		fog and Evaporation	Atmospheric pressure measuring devices
8		Environmenal Properties fo the soil	Evaporation and measuring devices
9		Soil Moisture Content	Devices for measuring soil properties
10		Soil air and aeration	Natural plant environments in the world and Iraq

11		Soil Structure	Desertification in the Iraq and world
12		Soil texture	Aquatic ecosystem
13		Vegetation	Vegetation in Iraq and the world
14		Pollution	field experiment
15		Human role in the environment	visit to a weather station

توقيع العميد:

توقيع الاستاذ: