

Republic of Iraq
**The Ministry Of Higher
 Education**
& Scientific Research

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



University: Diyala
College: Agriculture
**Department: Field crops
 Sciences**
Stage: second
Name: : Hassan Ali Majeed
Academic Status: teacher
Qualification: Ph.D
**Place of work: College of
 Agriculture**

Flow up of implementation celli pass play of

Course Instructor	Hassan Ali Majeed Nabel Ibrahim Mohamed				
E-mail	hasanmajeed@uodiyala.edu.iq				
Title	Plant environment				
Course Coordinator	١٢ weeks				
Course Objective	Plants are subject to the influence of climatic, terrestrial, and topographic factors that characterize the environment in which they live, as well as to the effects of the relationships that exist between them and all the living things that share this environment of plants And animals, including humans. What is meant by biotic factors is the set of mutual influences resulting from the relationships that exist between an organism in a given environment and the rest of the other organisms. These relationships arise between individuals of a single species and extend to include individuals of other different species of organisms through sharing the same place to form Bioceonose complex is distinguished by its composition, action and stability				
Course Description	It is the study of ecology and concerns the study of plants growing together under various conditions, such as swamps, natural grasslands, deserts, and forests. Ecology also includes the study of the effects of climate, water supply, and soil on plant growth. Ecology is also concerned with the way plants and animals affect each other, as well as solving forest problems, growing crops, preserving species, and controlling insects and diseases that affect plants				
Textbook	Abdul Rahim Sultan Ahmed, Kamal Benjamin Esho				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	20%	15%	5%		60%
General Notes	Scientific visits				

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week	Date	Topics Covered	Practical Part
1	5-2-2024	Introduction to ecology	Ecology
2	12-2-2025	The importance of the environment	Humidity measuring device
3	19-2-2025	Climatic factors	Rain gauge
4	16-2-2025	the light	Wind measuring device
5	3-3-2025	the heat	Soil moisture measuring device
6	Test 1		
7	18-3-2025	Dew	Soil salinity
8	25-3-2025	the fog	Vegetation
9	2-4-2025	Air	Temperature measuring device
10	9-4-2025	Topographic factors	
11	15-4-2025	Soil factors	
12	Test2		
13	2-5-2025	Frost	
14	9-5-2025		
15			


Instructor Signature
Dr. Hassan Ali Majeed
15/1/2025


Dean Signature
Prof. Dr. Raaed Ibrahim Khalil
15/1/2025