Republic of Iraq

The Ministry Of Higher Education

& Scientific Research

بسم الله الرحمن الرحيم



University: Diyala College: Agriculture Department: Field crops Stage: Second Class

Lecturer name: Nisreen Mohammed

Hathal

Scientific title:Teacher Qualification: Ph.D

Place of work College of

Agriculture

Flow up of implementation celli pass play

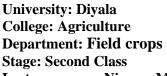
Course	Nisreen Mohammed	Hathal				
Instructor						
E-mail	nisreenmohammed@uodiyala.edu.iq					
Title	Principles of Horticulture					
Course Coordinator	First semester/ 2023-2	2024				
Course Description	- Study of science horticulture, environmental factors, and methods of propagation of horticultural plants.					
Textbook	Principles of horticulture - Faisal Rashid Al-Kanani Principles of horticulture - Dr. Karim Saleh Abdul and Dr. Saad Zaghloul					
Course Assessments	The theoretical semester exam	% Practical semester exam	Daily % theoretical exams	% Practical final exams	Theoretical% final Exam	
	20	15	5	20	40	

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Nots	Practical part	Theoretical part	Date	الاسبوع
	Recognition of Horticultural field and stricture gardens, orchards. Fields. Plastic and green houses	Horticulture Science .Development of horticulture Science Economical	1 st week	,
	Methods of vegetative propagation (cutting, layering, budding, grafting)	Horticultural plant Taxonomy	2 nd week	۲
	Different seeds planting and transplanting (sexual propagation) Planning Nurseries and planting of Horticultural plant and nurseries management Irrigation and fertilizer methods and the application of them in the field. Ecological factories and it's in fluencies in Horticultural plant (high, temperature, Humidity soil) Methods of propagation of horticultural plants Nurseries, field cultivation patterns (fruits, vegetables, ornamental, medicinal and aromatic plants)		3 rd week	٣
			4 th week	ź
			5 th week	٥
	Exam1			٦
	Practical application in the green and plastic house and the method of controlling the ecological factors to sate the procreation of crops	Agricultural practices Irrigation , Fertilizer , Thinning ,weed control	7 th week	٧
	Visiting different garden and National parks and orchards .	Cultivation under controlled atmosphere	8 th week	٨
	Planting Date plam ,Citrus, and pomes crops and stone fruits	Examples of fruit trees (deciduous and evergreen fruit)	9 th week	٩
	Examples of crops in different families	Examples in vegetable crops	10 th week	١.
	Examples of important ornamental crops	Examples in ornamental plants and garden design (Annuals , biannual) .	11 th week	11

Exam2			17
Examples of important medicinal and aromatic plants	Examples of cultivation of the most important medicinal and aromatic plants	13 th week	١٣
Harvesting and picking and packaging of Horticulture crops	Plant Breeding	14 th week	1 £

Teacher's signature Dr. Nisreen Mohammed Hathal 15/1/2025 Dean's signature Prof. Dr. Raaed Ibrahim Khalil 15/1/2025