

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 Instructor	Nisreen Mohammed Hathal				
E-mail	nisreenmohammed@uodiyala.edu.iq				
Title	Principles of Horticulture				
Course Coordinator	First semester/ 2023-2024				
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 Zaghoul				
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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Notes	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	١
	Methods of vegetative propagation (cutting , layering , budding , grafting)	Horticultural plant Taxonomy	2 nd week	٢
	Different seeds planting and transplanting (sexual propagation)	Ecological factories and it's in fluencies in Horticultural plant (high , temperature, Humidity soil)	3 rd week	٣
	Planning Nurseries and planting of Horticultural plant and nurseries management	Methods of propagation of horticultural plants	4 th week	٤
	Irrigation and fertilizer methods and the application of them in the field.	Nurseries, field cultivation patterns (fruits, vegetables, ornamental, medicinal and aromatic plants)	5 th week	٥
Exam1			6 th week	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	١٠
	Examples of important ornamental crops	Examples in ornamental plants and garden design (Annuals , biannual) .	11 th week	١١

Exam2			12 th week	١٢
	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	١٤



Teacher's signature
Dr. Nisreen Mohammed Hathal
15/1/2025



Dean's signature
Prof. Dr. Raaed Ibrahim Khalil
15/1/2025