

Republic of Iraq

The Ministry of Higher
Education

& Scientific Research

بسم الله الرحمن الرحيم



University: Diyala
College: Agriculture
Department: Horticulture and
landscaping
Stage: Third Class
Lecturer name: Abdul Kareem Abdul
Jabbar Mohammad Saeed
Scientific title: Professor
Qualification: PhD
Place of work: College of Agriculture

Flow up of implementation celli pass play

Course Instructor	Abdul Kareem Abdul Jabbar Muhammad Saeed				
E-mail	abdulkareemmohammad@uodiyala.edu.iq				
Title	Ornamental plants 1				
Course Coordinator	First semester (fall)				
Course Objective	<ul style="list-style-type: none"> - Teaching students the concept of ornamental science and some concepts related to the development and production of ornamental plants. - Teaching students about groups of different ornamental plants. - Teaching students about methods of propagating and cultivating ornamental plants in their various groups. - Teaching students to use modern methods in producing ornamental plants. - Teaching students about all the service operations required by ornamental plants. - Teaching students about insect pests and diseases that can affect ornamental plants. - Teaching students how to raise ornamental plants for use in gardens, to produce cut flowers, or for use as anvil plants inside homes and other places. 				
Course Description	Definition of ornamental science, divisions of ornamental plants, flowers and their types, flower board and bed, environmental and internal factors affecting ornamental plants such as heat and humidity... etc., an explanation of the most important winter annuals, an explanation of the most important biennial and perennial flowers, an explanation of the most important summer annuals, flowering bulbs and pot plants.				
Textbook	1- Ornamental plants in Iraq Dr. Sami Karim Chalabi and Nisreen Khalil Al-Khayyat 2013 2- Ornamentals D. Salem Muhammad Al-Sultan et al. 1992				
Course Assessments	Theoretical semester tests %	Practical semester tests %	Quizzes %	Final practical test %	Final Exam %
	(25%)	(10%)	(5%)	20%	(40%)
General Notes	Final grade 100%				

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the week	the date	Topics Covered	Practical Part	Notes
1		Definition of ornamental science - its development and importance	Identifying and studying some summer annual flowers/scientific names	
2		Divisions of ornamental science and ornamental plants	Training on propagating some ornamental plants	
3		Studying the environmental factors that affect the growth and flowering of ornamental plants, such as light, temperature, and humidity	Identifying winter flower seeds and viewing ornamental plant propagation facilities	
4		Studying some internal factors that affect the growth and flowering of ornamental plants, such as the carbon to nitrogen ratio, hormones, and dormancy phase.	Identifying winter flower seeds and viewing ornamental plant propagation facilities	
5		Continuing the study of some internal factors that affect the growth and flowering of ornamental plants, such as the ratio of carbon to nitrogen, hormones, and the dormant phase.	Conducting pruning operations for some ornamental shrubs and vegetable hedges	
6		Annuals - their division, study of summer and winter annual flowers	Planting some winter annual seeds and performing service operations such as weeding, irrigation, fertilization...	
7		First monthly exam	First monthly exam	
8		Biennial flowers, their types and methods of serving them	Planting seeds of some biennial flowers	
9		Perennial herbaceous flowers such as gerberas, violets, salvias...	Identify some types of perennial herbaceous flowers and grow some of them	
10		Flowering bulbs such as daffodils, iris, tulips, anemone and cranium.....	Identify some ornamental flowering bulbs	
11		Supplement flowering bulbs such as daffodils, iris, tulips, anemone and cranium.....	Planting some ornamental flowering bulbs in the pots	
12		Pot plants	Identify some of the plants grown in anvils and methods of serving them	
13		Supplement with pot plants	Continue identifying some of the plants grown in anvils and methods of serving them	
14		Second monthly exam	The second monthly exam	
15		General Review	Conducting service operations for some ornamental plants	

Teacher's signature
Prof. Dr. Abdul Kareem A. J. Mohammad Saeed
15/1/2025

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