Course description form

1. Course Name
Garden design principles
2. Course Code
PRGD211
3. Semester/ year
First fall semester2024-2025
4. Date this description was prepared
1-9-2024
5. A. Available attendance forms
My presence
6. Number of study hours (total)/number of units (total)
theoretical + 3 practical (5 hours) 23.5 units
7. Name of the course administrator (if more than one name is mentioned)
:Amiel - Name: A. M. Dr.. Fanar Hashem Youssef Alfanar@uomosul.edu.iq Name: M. M. Flowers of Fouad Abdul Jabbar
8. objectives Course

Theoretical	Practical
• **Explaining the types of gardens and the plants grown in them** • **Entering the agricultural sector with distinguished efficiency by participating in agricultural projects and the .labor market and participating in garden design seminars** • **Directing students towards the desire to obtain better experiences when applying for postgraduate studies**	**Enabling the student to learn about types of garde design systems, and how to plan a garden practica .on the ground**

9. Teaching and learning strategies	
Theoretical	Practical
• **Interactive lecture with students** • **Brainstorming** • **Dialogue and discussion** • **Assigning tasks, reporting and propagation of some ornamental plants** • **Presentations of different types of gardens and design systems**	• **Assigning group work to reveal leadership .skills** • **Assigning tasks to prepare reports and propagate types of ornamental plants**

• **Assigning the student to give a lecture on a topic he chooses and discuss it with the students**	

10. Course structure

the week	hours	Required learning outcomes	Name of the unit/topic	Teaching method	Evaluation method
1	2 Theoretical practical 3	Theoretical: A1 The student explains the concept of garden design and its related systems Practical: A2 The student becomes familiar with the art of garden design and its branches.	Theoretical: garden design systems Fundamentals of design and planning of public parks Defining the garden and isolating and dividing its area :PracticalLandscape term and its branches A historical overview of the emergence and development of the gardens Historical sequence of garden planning	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
2	2 Theoretical practical 3	Theoretical: A2 The student explains the most important factors affecting garden design Practical: B6 The student masters the stages of preparing, implementing, and creating the garden.	Theoretical: natural and social factors Planning standards for establishing public parks Recreational elements in parks and gardens Practical: stages of preparation and implementation . stage Dra[illegible] Pre[illegible]eparing the gard[illegible]	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
3	2 Theoretical practical 3	Theoretical: A2 The student is familiar with the most important elements of garden design Practical: A1 The student learns about the factors affecting garden design	Theoretical[illegible]nt elements and their types Uses of plants in garden design and landscaping Environmental use Practical: Factors affecting garden design Planning standards for establishing gardens and public parks Entertainment elements in the park	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
4	2 Theoretical practical 3	Theoretical: c5 The student judges how plant groups are distributed within gardens Practical: A5 The student distinguishes the plant groups used in garden landscaping.	Theoretical: trees, shrubs, hedges and plants Climbers, purlins and herbaceous plants Bulbs, succulent plants and green spaces Practical: botanical elements Structural elements Environmental and water elements Plant groups used in .garden landscaping	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
5	2 Theoretical practical 3	Theoretical: C4 The student suggests adding additional service elements	Theoretical: Types of plant elements Sculptures and plant pots Other supporting elements	theoretical , methods Writing on the board	Short exams , assignments, discussions

			within the parks, such as a football or basketball court Practical: B6 The student masters the use of equipment for weeding and mowing the green area and how to use fertilizers.	Practical: cutting, trimming and shaping Weeding, hoeing and waste removal Fertilization, irrigation, prevention and control	Direct dialogue style practical Assigning tasks and reports	
6	2 Theoretical practical 3	Theoretical: A2 The student learns about the most important water elements within gardens, whether natural or artificial Practical: A1 The student learns about the 100 surfaces and materials used in garden floors and paths.	Theoretical: first exam Water elements in gardens Discussion with students and a short exam Practical: first exam Waterbodies Materials used in flooring, garden paths and pedestrian paths Seats and seating areas, and discussing student reports	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
7	2 Theoretical practical 3	Theoretical: C1 The student creates a new design and arrangement of various types of gardens by hand Practical: A1 The student learns about the most important goals for which home gardens are created, and the most important trees used in them.	Theoretical: children's play areas Fences and entrances in gardens Fountains and seating areas Practical: Home garden goals Home garden planning systems Trees and shrubs used in home gardens	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
8	2 Theoretical practical 3	Theoretical: D1 The student acquires the communication skills necessary to interact with confidence and certainty on the individual and group levels Practical: A5 The student distinguishes between growing roses in flower beds and flower beds	Theoretical: General foundations of garden landscaping Drawing scales The goal of the design Practical: Growing roses in ponds Growing roses in flower beds Field practices for students about the garden	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
9	2 Theoretical practical 3	Theoretical: C4 The student draws plans and programs for development in the field of garden landscaping, with the aim of establishing the basic design of the garden Practical: A2 The student is familiar with planting roses as individual specimens in the garden.	Theoretical: Things to consider when gardening Make a plan for a geometric rose garden Discussion and practice with students about the garden Practical: items that are suitable for use as an individual model Identify some rose plants used as individual specimens found in the university's internal gardens	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions

10	2 Theoretical practical 3	Theoretical: A2 The student identifies the most important types of paths in parks that are economical Practical: A5 Student Pumps Varieties of climbing roses used to cover fences.	Theoretical: creating entrances and walkways Types of walkways Benefits of roads in parks Practical: Have students discuss and practice about the garden Plant varieties used Quick test within the article Growing roses in a greenhouse	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
11	2 Theoretical practical 3	Theoretical: A4 The student differentiates between types of gardens, their benefits, and their importance Practical: A2 The student is familiar with the necessary needs of roses for the success of rose cultivation, growth and production.	Theoretical: botanical and rock gardens Water parks and rooftop gardens Window gardens, roses and children Practical: The necessary needs of the rose for growth and production Choosing the colors of rose plants The relationship between the color of rose flowers and the color of the walls and walls of the house	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
12	2 Theoretical practical 3	Theoretical: b5 The student judges the extent to which he has benefited from collecting information about the names of plants and their growth My work: A scientific trip to one of the private nurseries.	Theoretical: Conduct a field visit to the gardens within the university to learn about the garden design system :Practical A short exam on the most important plants observed during the visit, along with a report on the visit	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
13	2 Theoretical practical 3	Theoretical: C3 The student leads discussion sessions on the types of green spaces and how to sustain them Practical: A5 The student distinguishes the relationship between the color of flowers and the colors of other plants, and knows the dates for planting roses in sustainable land.	Theoretical: Types of green spaces Various agricultural operations Plant cultivation Practical: The relationship of flower colors to the flower colors of other plants grown in ponds The relationship between the color of rose flowers and the colors of the bulbs of ornamental plants Dates for planting roses in sustainable land	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions
14	2 Theoretical practical 3	Theoretical: C2 The student expresses how well he developed the plan for the Rose Garden Practical: B6 The student masters the work of planning the garden on the ground.	Theoretical: Students participate in planning a rose garden on the ground Practical: second semester exam Students participate in planning a garden on the ground	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions

15	2 Theoretical practical 3	Theoretical: e1 The student contributes with his colleagues to identify the names of plants during the field visit Practical: Field visit to the university gardens.	Theoretical: Scientific visit Practical: Conduct a field visit to the university's botanical gardens and facilities	theoretical , methods Writing on the board Direct dialogue style practical Assigning tasks and reports	Short exams , assignments, discussions

11. Course evaluation

T	Evaluation methods	Evaluation date (one week)	Class	Relative % weight
1	Theoretical final report + practical reports	My theory is 15 weeks My work is 1-15 weeks	theoretical + 6 7 practical	%13
2	Short testQuiz1	weeks 3	theoretical + 2 4 practical	%6
3	Midtermexam(Theoretical and practical)	weeks [illegible]	theoretical + 5 10 practical	%15
4	Short test2Quiz	weeks [illegible]	theoretical + 2 4 practical	%6
5	Final practical test	Practical [illegible] week	[illegible]	%20
6	Final theoretical test	The [illegible] week of theoretical exams	40	%40
	the total		100	100

1. Learning and teaching resources	
Required textbooks (methodology , if any)	Garden engineering and design book Dr.. Talal Mahmoud Chalabi
Main references (sources)	Garden design and coordination by Dr. Tariq Mahmoud Al-Qai'i 1996
Recommended supporting books and references (scientific (….journals, reports	Al-Rafidain Agriculture Journal at the University of Mosul
Electronic references , Internet sites	**Landscape design**

Practical subject teacher
Assistant teacher
Dr. Ludad Abdaljabar

Theoretical subject teacher
Assistant Professor
Fanar Hashim Yousif

Chairman of the Scientific Committee
Prof. Dr. Jassim Mohammed Alwan

Head of the department
Prof. Dr. Asmaa Muhammad Adel