

Republic of Iraq

The Ministry Of Higher
Education

Scientific Research &

بسم الله الرحمن الرحيم



:University of Diyala
:College- college of Agriculture
Department- Horticulture and
Landscape Gardening
:Stage- Third
Lecturer name- Marir Ekhlas
Meteab Ahmed
(Qualification Lecturer Dr.(Ph.D
Place of work: Horticulture and
Landscape Gardening

Flow up of implementation celli pass play

Course Instructor	Lecturer Dr: Marir Ekhlas Meteab Ahmed
E-mail	ekhlasmeteab@uodiyala.edu.iq
Title	Medicinal and Aromatic Plants
Course Coordinator	Lecturer Dr: Marir Ekhlas Meteab Ahmed
Course Objective	<p>The aim of teaching the profession is:</p> <ol style="list-style-type: none">1. The importance of medicinal and aromatic plants in agricultural production. The most important problem facing the production of medicinal and aromatic plants in Iraq, and the possibility of overcoming them.2. Teaching students the concept of medicinal and aromatic plants and their uses3. Teaching students about the factors affecting medicinal and aromatic plants.4. Teaching students about methods of propagating and cultivating medicinal and aromatic plants in their various species5. Identify the bioactive components in it and how to extract them.6. On the plant parts in which the bioactive components are concentrated7. Teaching students about the common types of medicinal and aromatic plants.8. Teaching students about all service operations required by medicinal and aromatic plants.9. Teaching students about diseases that can be treated with medicinal and aromatic plants.10. Modern research trends in the production of medicinal and aromatic plants.

	<p>11. Environmental and agricultural conditions and their impact on the production of medicinal and aromatic plants.</p> <p>12. The student learns about the importance of medicinal and aromatic plants in agricultural production and their role in raising national income</p>				
Course Description	<p>Education outcomes include the student's cognitive and scientific objectives</p> <ol style="list-style-type: none"> 1. Enabling students to know and understand the basics of medicinal and aromatic plants 2. Enabling students to know and understand the methods of production and propagation of economic medicinal and aromatic plants common in Iraq. 3. Enabling students to know and understand modern methods for extracting and evaluating bioactive components. 4. Enabling students to identify the bioactive components of most medicinal and aromatic plants that are used as drugs for some diseases. 5. Enabling students to know the methods of collecting and drying medicinal and aromatic plants. 				
Textbook	<ol style="list-style-type: none"> 1- Al-Saadi, A. H. and et al. Medicinal Plants 2- Al-Shahat A. N. (1985). Medicinal Plants and Herbs. Publishing house, Madbouly Library, 496pp. 3- Harborne, J.B. (1973): Photochemical Methods A Guide to Modern Techniques of plant Analysis. Distributed in the USA by Halsted press, a Division of John Wiley & Sons, INC New York P. 1-271. 4- Wagner, H.; Hiroshi, H. and Norman, R.F. (1988): Economic and Medicinal plant research. Volume 2. Academic press 5- Medicinal plants journal. 				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	%35	%15	%10		%40
General Notes	Type here general notes regarding the course				

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الملاحظات	المادة العملية	المادة النظرية	التاريخ	الاسبوع
	The economic and therapeutic importance of medicinal and aromatic plants	1- An introduction to the history of medicinal and aromatic plants in the world and the Arab world	2023/9/17	1
	The economic and therapeutic importance of medicinal and aromatic plants	1- Introduction historical study of medicinal and aromatic plants. 2- Introducing the student to the economic and therapeutic importance of medicinal and aromatic plants	2023/9/24	2
	The most important horticultural operations that take place for medicinal and aromatic plants during production	Collecting, preparing, handling and storing medicinal and aromatic plants.	2023/10/1	3
	The most important horticultural operations that take place for medicinal and aromatic plants during production	1-Study the reality of medicinal and aromatic plants in Iraq 2- The importance of medicinal plants in preparing medicine and medical and aromatic supplies	2023/10/8	4
	The most important horticultural operations that take place for medicinal and aromatic plants during production	An introductory study of medicinal plants	2023/10/15	5
	Semester 1 st exam	Semester 1 st exam	2023/10/22	6
	The most important horticultural operations that take place for medicinal and aromatic plants during production	Introducing the student to the economic and therapeutic importance of medicinal and aromatic plants	2023/10/29	7
	The most important medicinal and aromatic plants that contain volatile and fixed oils	Collecting, preparing, handling and storing medicinal and aromatic plants.	2023/11/5	8
	Displaying examples of pictures and plant samples with an explanation of each type and class of plant, along with periodic visits inside the field to detect and explain medicinal and aromatic plants.	- Study the reality of medicinal and aromatic plants in Iraq	2023/11/12	9
	The most important medicinal plants that contain active compounds	2- The importance of medicinal plants in preparing medicine and medical and aromatic supplies.	2023/11/19	10
	The most important medicinal plants that contain alkaloids.	Introducing the student to the divisions and classification of medicinal and aromatic plants	2023/11/26	11

	Semester 2 nd exam	Semester 2 nd exam	2023/12/3	12
	1- Follow the most important medicinal plants that contain glycosides.	-1 Division and classification of medicinal plants -2 A comprehensive study of secondary compounds in medicinal and aromatic plants	2023/12/10	13
	1- Medicinal plants that contain insect killers 2-- Medicinal plants that contain dyes and antibiotics	Division of secondary compounds in medicinal and aromatic plants, their uses, their most important chemical contents, and the plants that contain each of them.	2023/12/17	14
When the student needs to review the topic intensively			2023/12/20	15
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عطلة نصف السنة				
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توقيع العميد:

توقيع الاستاذ: