

Republic of Iraq

The Ministry of Higher
Education

& Scientific Research



University: Diyala
College: Agriculture
Department: Horticulture and
landscaping
Stage: Third
Lecturer name: Mohammed Nadeem
Kasim
Scientific title: Assistant Professor
Qualification: Ph.D
Place of work: College of Agriculture

Flow up of implementation celli pass play

Course Instructor	Mohammed Nadeem Kasim Hantoosh				
E-mail	mohammedhantoosh@uodiyala.edu.iq				
Title	Plant Pathology				
Course	Second semester / Third year				
Course Objective	The student should be familiar with the most important plant diseases spread in Iraq and the world, their symptoms, how to distinguish between them through these symptoms, know their pathogenic causes, learn about their life cycle, how to combat them, and limit their spread by following the best methods of control.				
Course Description	Study the economic importance of field crop diseases in terms of direct and indirect losses they cause, as well as identifying the most common plant pathogens, how the disease occurs, what symptoms it causes, and the most important control methods to limit the disease and its spread.				
Textbook	Michael, Samir, Abdul Hamid Tarabia, and Abdul Jawad Al-Zari. 1980 Diseases of orchards and vegetables. University of Mosul. Fungal plant diseases. 2012. Sharif, Fayyad Muhammad. Plant diseases / Authored by Maysar Majeed Jarjis, Raqib Akef, and Ayad Abdul Wahid. The comprehensive applied encyclopedia of plant diseases (a group (Volume 1 - 2 The(of authors)) 2020				
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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بسم الله الرحمن الرحيم



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the week	the date	Topics Covered	Practical Part	Notes
1		The economic importance of plant diseases	Laboratory tools and equipment in the plant pathology laboratory	
2		plant pathogens	Symptoms and signs	
3		Stages of plant disease development	Pathogen isolation	
4		Apple and pear diseases	Study of symptoms and signs of apple and pear diseases	
5		Stone fruit diseases	Study of symptoms and signs of stone fruit diseases	
6		Citrus diseases	Study of symptoms and signs of citrus diseases	
		First month test	First month test	
7		Diseases of olives, walnuts and pistachios	Study of symptoms and signs of diseases of olives, walnuts and	
8		Pomegranate and fig diseases	Study of symptoms and signs of pomegranate and fig diseases	
9		Palm diseases	Study of symptoms and signs of palm diseases	
10		Vegetable diseases Cucurbitaceae diseases	Study of symptoms and signs of gourd family diseases	
11		Crusader family diseases	Study of symptoms and signs of diseases of the Crusader family	
12		Compound Family Diseases	Study of symptoms and signs of Compound family diseases	
		Second month test	Second month test	
13		Legume family diseases	Study of symptoms and signs of legume	
14		Diseases of the lily and Marshmallow family	Study of symptoms and signs of diseases of the lily and Marshmallow family	
15		Ornamental plant diseases	Study of symptoms and signs of ornamental plant diseases	

Teacher's signature

Assist. Prof. Mohammed N. K. Hantoosh

15/1/2025

Dean's signature

Prof. Dr. Raed Ibrahim Khalil

15/1/2025