

Course Description Form

Course Name: VIROLOGY AND MYCOLOGY .١					
Course Code: .٢					
Semester / Year:14-5 2024/2025 .٣					
Description Preparation Date:2024-2025 .٤					
Available Attendance Forms: Daily attendance .٥					
Number of Credit Hours (Total) / Number of Units 2 Hours (Total) 30 week .٦					
Course administrator's name (mention all, if more than one name) .٧					
Name: Shaimaa Mohammed Ali Email: shaimaaali1993@gmail.com :					
Course Objectives .٨					
Course Objectives			Strengthening the student the basic of <ul style="list-style-type: none"> • Fungal and viral diseases and how to diagnose and accurately describe them • Providing the student with practical and theory information to teach the basics of fungus, viruses and aim of studying 		
Teaching and Learning Strategies .٩					
Strategy	1. Education Strategy Collaborative Concept Planning 2- Brainstorming education strategy. 3. Education Strategy Notes Series 4- Presentation, training, discussion research and reports				
Course Structure .١٠					
Week	Ho	Required Learning	Unit or subject name	Learning	Evaluation method

	urs	Outcomes		method	
	2	Knowledge	Introduction	the whiteboard display	Daily exam and oral questions
2	2	Knowledge	Morphology, Classification and Reproduction of fungi	the whiteboard display	Daily exam and oral questions
3	2	Knowledge	Superficial mycosis, tinea types and dematiaceuos (Black fungi)	the whiteboard display	Daily exam and oral questions
4	2	Knowledge	Subcutaneous mycosis	the whiteboard display	Daily exam and oral questions
5	2	Knowledge	infection due to filamentous fungi (Aspergillosis)	the whiteboard display	Daily exam and oral questions
6	2	Knowledge	Infection caused by yeasts	the whiteboard display	Daily exam and oral questions
7	2	Knowledge	Opportunistic mycosis : Penicillosis	the whiteboard display	Daily exam and oral questions
8	2	Knowledge	exam	the whiteboard display	Daily exam and oral questions
9	2	Knowledge	Histoplasmosis	the whiteboard display	Daily exam and oral questions
10	2	Knowledge	Systemic mycosis	the whiteboard display	Daily exam and oral questions
11	2	Knowledge	Antifungal	the whiteboard display	Daily exam and oral questions
12	2	Knowledge	Exam	the whiteboard display	Daily exam and oral questions
13	2	Knowledge	-General properties of Viruses	the whiteboard display	Daily exam and oral questions

			-Structure of the viruses.		
14	2	Knowledge	Nomenclature and Taxonomy of Viruses -Atypical Virus-like agents (Prions, Defective viruses, Pseudovirion and Virioids).	the whiteboard and display	Daily exam and oral questions
15			Viral Genetic & Viral Replication -Viral Pathogenesis and Transmission	the whiteboard and display	Daily exam and oral questions
16	2	Knowledge	Viral Genetic & Viral Replication -Viral Pathogenesis and Transmission	the whiteboard and display	Daily exam and oral questions
17	2	K	Immunity & Laboratory Diagnosis of Viruses	the whiteboard and display	Daily exam and oral questions
18	2	Knowledge	Herpes virus and Pox virus	the whiteboard and display	Daily exam and oral questions
19	2	Knowledge	Hepatitis virus	the whiteboard and display	Daily exam and oral questions
20	2	Knowledge	examination	the whiteboard and display	Daily exam and oral questions
21	2	Knowledge	Human Immune Deficiency virus	the whiteboard and display	Daily exam and oral questions
22	2	Knowledge	Orthomyxoviruses	the whiteboard and display	Daily exam and oral questions
23	2	Knowledge	Paramyxoviruses	the whiteboard and display	Daily exam and oral questions
24	2	Knowledge	Enteric viruses (Polio Virus, Rota virus and Rho)	the whiteboard and display	Daily exam and oral questions
25	2	Knowledge	Rabies virus	the whiteboard and display	Daily exam and oral questions
26	2	Knowledge	Coronavirus	the whiteboard and display	Daily exam and oral questions
27	2	Knowledge	Bacteriophages (Bacterial viruses)	the whiteboard and display	Daily exam and oral questions

28	2	Knowledge	Oncogenic viruses and Antiviral Drugs & Viral vaccines	the whiteboard display	Daily exam and oral questions
29	2	Knowledge	Examination	the whiteboard display	Daily exam and oral questions
30			Examination	the whiteboard display	Daily exam and oral questions
Course Evaluation . ١١					
5 marks are calculated on reports 5 points are calculated on daily exams 5 degrees are calculated on the daily preparation And the rest of the grade is for the monthly exams					
Learning and Teaching Resources . ١٢					
Required textbooks (curricular books, if any)			Biology Books		
Main references (sources)			Curriculum scheduled within the sectoral committees		
Recommended books and references (scientific journals, reports...)			Biology Raven et al The cell M. Prakasn		
Electronic References, Websites			ncbi, google scholar, reserachgate		

Dr: Shaimaa Mohammed Ali

