

Course form Description

1-Course Name:
Microbiology for nurses
2- Course code
MBN206
3-Semester/Year
Semester
4- Description preparation Date
2024/2/20
5- Available Attendance Date:
Lectures and laboratories
6-Number of Credit Hours (Total) / Number of Units (Total)
Hours/ 3 units
7-Course administrator's name (mention all, if more than one name)
Name and Email: Dr. Huda Damen Abd Al-Jabar Dr. Noor Talal Ali Assistant lecturer: Ghufran Ayad Ahmed Assistant lecturer: Ayat Munaf Hameed / ayat.munaf.h@tu.edu.iq Assistant lecturer: Abdullah Musa Khadum

8- Course objectives					
Course objectives		<ul style="list-style-type: none"> -Introduction to microbiology -Teaching the student practical and theoretical skills in microbiology and parasitology -Identify the types of organisms directly related to human health -Identify the types of laboratory equipment for microbiology 			
9- Teaching and learning strategies					
Strategy		<ul style="list-style-type: none"> -Brainstorming strategy -Group work or cooperative learning strategy 			
10- Course structures					
Week	Hours	Required learning outcomes	Unit or subject name	Learning method	Evaluation method
1	3 hour	Learn about concepts in parasitology. How the parasite enters the human body. And methods of diagnosing the parasite. In addition to methods of preventing parasites. The method of reproduction and life cycle of the parasite, and giving appropriate treatment. How to prevent and control the spread of parasites	Medical parasitology	Lectures -Writing on the board -Electronic whiteboard -Slides -Practical training in hospital	Daily, monthly and final exams

2	3 hour	Learn about concepts in parasitology. How the parasite enters the human body. And methods of diagnosing the parasite. In addition to methods of preventing parasites. The method of reproduction and life cycle of the parasite, and giving appropriate treatment. How to prevent and control the spread of parasites	Classification of protozoa	Lectures -Writing on the board -Electronic whiteboard -Slides -Practical training in hospital	Daily, monthly and final exams
3	3 hour	Learn about concepts in parasitology. How the parasite enters the human body. And methods of diagnosing the parasite. In addition to methods of preventing parasites. The method of reproduction and life cycle of the parasite, and giving appropriate treatment. How to prevent and control the spread of parasites	Subphylum: Mastigophora	Lectures -Writing on the board -Electronic whiteboard -Slides -Practical training in hospital	Daily, monthly and final exams
4	3 hour	Learn about concepts in parasitology. How the parasite enters the human body. And methods of diagnosing the parasite. In addition to methods of preventing parasites. The method of reproduction and life cycle of the parasite, and giving appropriate treatment. How to prevent and control the spread of parasites	Apicomplexa	Lectures -Writing on the board -Electronic whiteboard -Slides -Practical training in hospital	Daily, monthly and final exams
5	3 hour	Learn about concepts in parasitology. How the parasite enters the human body. And methods of diagnosing the parasite. In addition to methods of	Helminthology	Lectures -Writing on the board -Electronic whiteboard -Slides	Daily, monthly and final exams

		preventing parasites. The method of reproduction and life cycle of the parasite, and giving appropriate treatment. How to prevent and control the spread of parasites		-Practical training in hospital	
6	3 hour	Learn about concepts in parasitology. How the parasite enters the human body. And methods of diagnosing the parasite. In addition to methods of preventing parasites. The method of reproduction and life cycle of the parasite, and giving appropriate treatment. How to prevent and control the spread of parasites	Nematodes	Lectures -Writing on the board -Electronic whiteboard -Slides -Practical training in hospital	Daily, monthly and final exams
7	3 hour	Learn about concepts in parasitology. How the parasite enters the human body. And methods of diagnosing the parasite. In addition to methods of preventing parasites. The method of reproduction and life cycle of the parasite, and giving appropriate treatment. How to prevent and control the spread of parasites	Classification of helminths	Lectures -Writing on the board -Electronic whiteboard -Slides -Practical training in hospital	Daily, monthly and final exams

11- Course Evolution

Distribution of the grade out of 100 according to the tasks assigned to the student, .such as daily preparation, daily, oral, monthly, written exams, reports, etc

12- Learning and teaching Resources

Required textbooks	Practical and theoretical microbiology book Research Gate by D.Ameer Kh
Main Refrences	
Recommended books and references	Scientific journals, periodicals and research in the field
Electronic references websites	Internet sites (Google and Google Scholar) and social media in the field