

Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation
Apparatus
Directorate of Quality Assurance and Academic
Accreditation
Accreditation Department



Academic Program and Course Description Guide

2025

Course Description Form

Course Name:
Communicable diseases
Course Code:
Semester / Year:
Fourth stage
Description Preparation Date:
16-2-2025
Available Attendance Forms:
Number of Credit Hours (Total) / Number of Units (Total)
6\8

Course administrator's name (mention all, if more than one name)					
Name: Dr.Zeena Kareem Gihad					
Email: zina.jehad@atu.edu.iq					
Course Objectives					
Course Objectives		General objective: The student learns about the most important transmissible diseases and ways to control them. Special objective: To be able to delve into the areas of the sexually communicable diseases and their methods of transmission - methods of controlling them - measuring the rate of spread of the disease.			
Teaching and Learning Strategies					
Strategy		Cooperative education strategy. Teaching strategy brainstorming. Education strategy collaborative concept planning. Education strategy real-time feedback Education strategy notes series. Education strategy by exchanging opinions and discussion. Education strategy by presenting information. Education strategy through training and presenting scientific developments.			
Course Structure					
Week	Hours	Required Learning	Unit or subject name(Theoretical)	Learning method	Evaluation method
1	2	Required learning outcomes: 1. Raising the level of motivation for learning various types: internal motivation, social motivation and achievement motivation 2. Encouraging self-direction and independent learning where students can take responsibility for their learning and have the ability to monitor their academic progress 3. Creating opportunities to implement a collective planning approach to curriculum, and for collaboration among faculty members	Sexually transmitted diseases (syphilis)	Cooperative education strategy Teaching strategy brainstorming Education strategy collaborative concept planning. Education strategy real-time feedback Education strategy notes series Education strategy by exchanging opinions and discussion. Education strategy by presenting information. Education strategy through training and presenting scientific developments.	Daily exams Oral and written discussions

		identify gaps and rep 4. Helping the studen that decisions related curricula and educatio environment are ratio 5. Promoting the phil follow-up and contin improvement. 6. Helping the studen accountability and e quality of academic p			
2		=	Gonorrhea	=	=
3-4		=	Diarrheal diseases; Di caused by E.coli	=	=
5		=	Acute Rota viral enter	=	=
6-7		=	Acute Rota viral enter	=	=
8-9		=	Food poisoning. staph B. cereus, Shigellosis perferings	=	=
10		=	Epidemic viral Gastro	=	=
11		=	Campylobacter enterit	=	=
12-25		=	Candia is; Dematophy Giardiasis; Amoebias fever Leishmaniasis; Malari Toxoplasmosis; pedic Scabies; Teaniasis Bilharzias is; Ascarias Hydatid diseases	=	=
26		=	Ancylostoma	=	=
27		=	Pin worm	=	=
28-30		=	Review of important to	=	=
Week	Hours	Required Learning	Unit or subject name(practical)	Learning method	Evaluation method
1-4		1. Raising the level of motivation for learning various types: internal motivation, social mot and achievement mot 2. Encouraging self-d and independent learn where students can ta responsibility for their and have the ability to their academic progre 3. Creating opportunit implement a collectiv planning approach to curriculum, and for c among faculty memb identify gaps and rep 4. Helping the studen that decisions related curricula and educatio environment are ratio	Concept of preven general	Cooperative education Teaching strategy brain Education strategy co concept planning. Education strategy feedback Education strategy not Education strateg exchanging opinio discussion. Education strategy by information. Education strategy training and presenting developments.	Daily exams Oral and written discussions

		5. Promoting the phil follow-up and contin improvement. 6. Helping the studen accountability and e quality of academic p			
5		=	Visit to CDC to see, of leishmaniasis in Ira	=	=
6		=	Prevention of malaria	=	=
7		=	Prevention of bilhar Iraq	=	=
8		=	Prevention of toxopl Iraq	=	=
9		=	Prevention of hemo Iraq	=	=
10-15		=	Visit to T.B. institute policy of DOTS progr	=	=
16-22		=	Surveillance of diseas	=	=
23-26		=	nvestigation of an epi	=	=
27-30		=	Outbreak investigation	=	=
Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, monthly, or written exams, reports etc					
Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Review of Preventive and Social Medicine Case studies in infectious disease Lippincott s guide to infectious disease Communicable Disease Control and Health Protection Hand		
Main references (sources)			1. Abraham S. Benenson, 1995, Control of Communicable Manual, 16th edition, An Official Report of the American I Health Association, The United Book Press, Inc, Baltimore 2. Davidson, S., 1999, Principles and Practice of Medicine edition, Harcourt, Edinburgh, London. 3. Donowitz, 1996, Infection Control in the Child Care Ce Preschool, 3rd edition, Williams Wilkins, USA. 4. Eshuis Manschot, 1978, Communicable Diseases: A Ma Rural Health Workers, African Medical and Research ASSO Nairobi. 5. Harrison, S., 1998, Principles of Internal Medicine, 14th McGraw-Hill, U.S.A 6. Hegazi M. 1994, Applied Human Parasitology, 1st editio Scientific Book Centers, Cairo. 7. Kozier, et al, 1995, Fundamentals of Nursing, 5th editio Addison - Wesley, U.S.A 8. Madeleine Fletcher, 1992, Principles and Practice of Epidemiology, Addis Ababa University, Ethiopia. 9. Meseret Shiferaw, Haile Tena, 1990, A Manual for Stud Health Workers, Ministry of Health, Ethiopia. 10. Ministry of Health, 1997, Manual of National Tuberc Leprosy Control Program, 1st edition		
Recommended books and references (scientific reports...)			<ul style="list-style-type: none"> Journal of Clinical Microbiology Critical Reviews in Microbiology Nature Reviews Microbiology 		

	<ul style="list-style-type: none"> • Journal of Virology • The ISME Journal • FEMS Microbiology Reviews • Journal of Bacteriology • International Journal of Food Microbiology • Microbiology and Molecular Biology Reviews
Electronic References, Websites	<ul style="list-style-type: none"> • American Society for Microbiology "to advance microbiological sciences through the p scientific knowledge and dissemination of the r fundamental and applied research". • Careers blog at ASM Useful career info, from choosing a post-doc position TO FIND THE SCIENCE CAREER FOR YOU • Microbiology Society Membership organization for scientists who work in a microbiology. Largest in Europe. • Society for Industrial Microbiology "Nonprofit, international association dedicated advancement of microbiological sciences, especially apply to industrial products, biotechnology, mater processes".