

Course Description Form

1. Course Name		Epidemiology																																																			
2. Course Code		EPID 406																																																			
3. Semester /year		second semester 2023-2024																																																			
4. Description Preparation Date		January 2024																																																			
5. Available Attendance Forms																																																					
6. Number of Credit Hours (Total)/ Number of Units (Total)		30 hour / 2 credit																																																			
7. Course administrators name (mention all , if more than one name)																																																					
Name :		Samira Muhammed Ebrahim		Email : samira.ibrahim@uobasrah.edu.iq																																																	
		Sajjad Salim Issa		sajjad.issa@uobasrah.edu.iq																																																	
8. Course objectives																																																					
Course objectives			<p>Upon completion of the course, course the students will be able to:</p> <ul style="list-style-type: none"> • Define epidemiology and related concepts. • To apply the epidemiological model and the use the natural history of health conditions for the community health benefits. • To use the prevention processes for providing health care services. • To apply the epidemiological studies for the purpose of designing and evaluating control strategies and provision of health services. 																																																		
9. Teaching and Learning Strategies																																																					
strategy		: Lecture, Group discussion, Writing Reports, Brain Storming																																																			
10. Course structure																																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Week</th> <th style="width: 10%;">Hours</th> <th style="width: 20%;">Required Learning Outcome</th> <th style="width: 20%;">Unit or subject name</th> <th style="width: 15%;">Learning methods</th> <th style="width: 15%;">Evaluation method</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>The student should be able to understand the objectives of the lecture</td> <td>Introduction to epidemiology</td> <td>Lecture, Brain Storming</td> <td>Quiz</td> </tr> <tr> <td>2</td> <td>=</td> <td>=</td> <td>Natural History of Health-related Conditions and Prevention:</td> <td>=</td> <td>=</td> </tr> <tr> <td>3</td> <td>=</td> <td>=</td> <td>Strategies for Identifying Diseases: Screening</td> <td>=</td> <td>=</td> </tr> <tr> <td>4</td> <td>=</td> <td>=</td> <td>Strategies for Identifying Diseases : Surveillance</td> <td>=</td> <td>=</td> </tr> <tr> <td>5</td> <td>=</td> <td>=</td> <td>Epidemiology of Non-Communicable Disease</td> <td>=</td> <td>=</td> </tr> <tr> <td>6</td> <td></td> <td></td> <td>1st Midterm Examination</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>=</td> <td>=</td> <td>Epidemiology of Communicable Diseases</td> <td>=</td> <td>=</td> </tr> </tbody> </table>						Week	Hours	Required Learning Outcome	Unit or subject name	Learning methods	Evaluation method	1	2	The student should be able to understand the objectives of the lecture	Introduction to epidemiology	Lecture, Brain Storming	Quiz	2	=	=	Natural History of Health-related Conditions and Prevention:	=	=	3	=	=	Strategies for Identifying Diseases: Screening	=	=	4	=	=	Strategies for Identifying Diseases : Surveillance	=	=	5	=	=	Epidemiology of Non-Communicable Disease	=	=	6			1 st Midterm Examination			7	=	=	Epidemiology of Communicable Diseases	=	=
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8	=	=	Concept and investigation of epidemic	=	=
9	=	=	Epidemiological Studies : Non-experimental Studies	=	=
10	=	=	Epidemiological Studies : Experimental Studies	=	=
11	=	=	2 nd Midterm Examination		
12	=	=	Rates in Epidemiology : Rates related to morbidity	=	=
13	=	=	Rates in Epidemiology : Rates related to fertility and mortality	=	=
14	=	=	Professional and Ethical Considerations in Epidemiology	=	=
15	=	=	Environmental and Occupational Epidemiology	=	=
11. Course evaluation					
2 Midterm Exams 25 Quizzes 5 Term examination 70					
12. learning and Teaching Resources					
Required text books (curricular books , if any)			Leon Gordis . Epidemiology,5 th edition 2014		
Main reference (sources)			<ul style="list-style-type: none"> • Robert H. Friis. Epidemiology 101 2nd edition 2018. • Ann Aschengrau and George R. Seage III . Essentials of epidemiology in public health, 4th edition 2020 		
Recommended books and references			<ul style="list-style-type: none"> • No 		
Electronic references , websites			<ul style="list-style-type: none"> • Google search 		