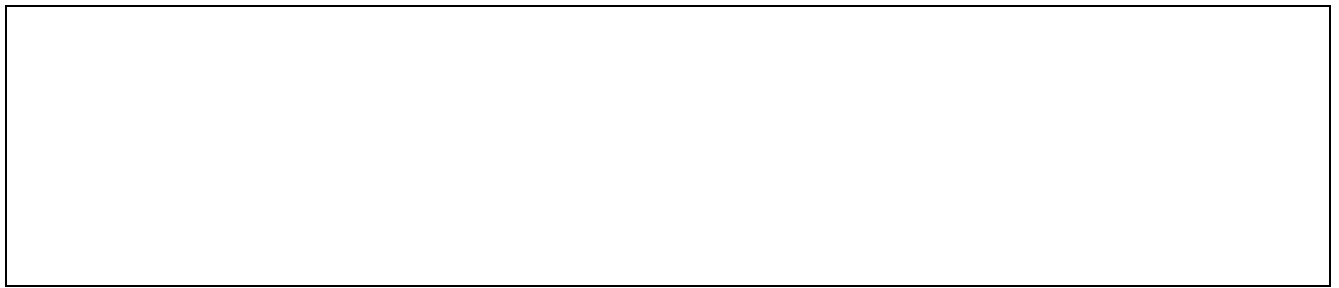


## Course description of the program offered by Basrah University

2022 - 2023

**Assistant prof. Dr wijdan Nazar Ibraheim**

University of Basrah ,College : college of medicine	1- university and college
Microbiology	2-department
Microbiology	3- course
Classroom for theory clinical skills laboratory,	4- available methods of attendance
2023 - 2022	3- year
	6- hours\ course
29\8\2023	10-Date of production
<p><b>Aim of programme:</b></p> <ul style="list-style-type: none"> <li>-high level of scientific knowledge</li> <li>- high level of practical skill</li> </ul>	
<p><b>Learning outcome, teaching , learning, and assessment methods</b></p>	
<p><b>cognitivegoals :</b></p> <ul style="list-style-type: none"> <li>- Dissemination of knowledge about microbiology</li> <li>- -Students should acquire skills in the field of specialty</li> <li>- Teaching different methods of laboratory diagnosis</li> </ul>	
<p><b>skill goals special to the program:</b></p> <ul style="list-style-type: none"> <li>- Skills and knowledge of pathogenic microorganisms</li> <li>- Skills and knowledge of the basis of the immune system and immune responses toward various pathogenic microorganisms,diseases,and pathogenesis of autoimmune diseases</li> </ul>	
<p><b>learning and teaching</b></p> <ul style="list-style-type: none"> <li>- Interactive lectures including theoretical material</li> <li>- Lectures</li> <li>- Practical laboratory skills</li> </ul> <p><b>Assessment method:</b></p> <p>Short examination after discussion            Evaluation of practical performance through a logbook            Evaluation of practical performance at the end of the course            Mid-year and final examine</p>	



Course structure					
Method of assessments	Method of teaching	subject	Learning outcome	hours	week
Discussion Short examine questions	Lectures	Principles Skills and knowledge of virology	Learning the basics of viruses, structure, classification	1	1
Discussion Short examine questions	Lectures	Principles Skills and knowledge of virology	Learning basis of viral life cycle and replication	1	2
Discussion Short examine questions	Lectures	Medical virology	Studying the method of controlling viral infection and types of vaccines	1	3
Discussion Short examine questions	Lectures	Medical virology	Studying the families of viruses Herpes viruses	2	4
Discussion Short examine questions	Lectures	Medical Immunology	Studying the basis of cellular immune responses	2	5
Discussion Short examine questions	Lectures	Medical Immunology	Studying the basis of humoral immune responses	2	6

Infrastructure	
Jawetz Medical Microbiology	Books required reading: * * * * *
1- Jawetz Medical Microbiology 2- Bailey and Scott Diagnostic microbiology 3- Finegold and Baron Medical microbiology 4- Macki and Maccartney Diagnostic microbiology	Main references
Recommended books and journals	

<p>Medical Journals in google scholar.  WHO reports.  Pub med journals</p> <p>--</p>	
<p>Web sites in medical microbiology.  ASM. website</p>	<p>electronic references and web sites-</p> <p>-</p> <p>-</p>

<p><b>The planned development plan :</b></p> <p>Uses of modern teaching methods  Adopted modern sources  Access to corresponding universities courses  Periodic meetings of development committees  Periodic update of lectures  Attending workshops and seminars for teaching and learning methods</p> <p>-</p>
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