

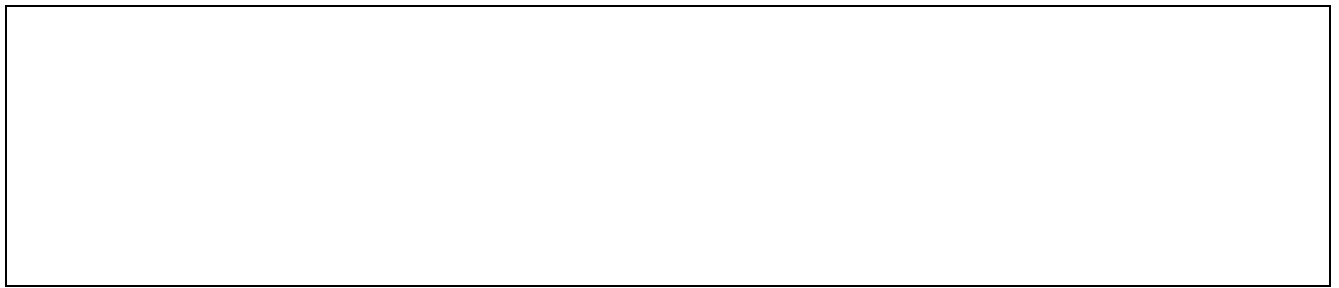
Course description of the program offered by Basrah University

2022 - 2023

PROFESSOR DR. IHSAN EDAN ABDULKAREEM ALSAIMARY

DEPT. MICROBIOLOGY- COLLEGE OF MEDICINE – UNIVERSITY OF BASRAH

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
1/9\2023	10-Date of production
<p>Aim of programme:</p> <ul style="list-style-type: none"> -high level of scientific knowledge - high level of practical skill 	
<p>Learning outcome , teaching , learning and assessment methods</p>	
<p>cognitive goals :</p> <ul style="list-style-type: none"> - Dissemination of knowledge about microbiology - -student should acquired skills in the field of speciality - Teaching different methods of laboratory diagnosis 	
<p>skill goals special to the programme:</p> <ul style="list-style-type: none"> - Skills and knowledge of pathogenic microorganisms - 	
<p>learning and teaching</p> <ul style="list-style-type: none"> - Interactive lectures including theoretical material - Lectures - Practical laboratory skills <p>Assessment method:</p> <p>Short examination after discussion Evaluation of practical performance through logbook Evaluation of practical performance at the end of the course Mid-year and final examine</p>	



Course structure					
Method of assesment	Method of teaching	subject	Learning outcome	hours	week
Discussion Short examine questions	Lectures	Prokaryotes taxonomy	Classification and identification of prokaryotes	1	1
Discussion Short examine questions	Lectures	Microbial nutritional requirements	Physiochemical factors affecting bacterial growth	1	2
Discussion Short examine questions	Lectures	Microbial metabolism	Oxidation and fermentation of carbohydrates Utilization of lipid and protein by bacteria	2	3
Discussion Short examine questions	Lectures	Bacterial pathogenesis	Bacterial mechanisms of diseases , virulence factors and germ theory of disease	1	4
Discussion Short examine questions	Lectures	staphylococci	Various types of pathogenic staphylococci	1	5
Discussion Short examine questions	Lectures	Streptococci and pneumococci	Various types of pathogenic streptococci and pneumococci		

Infra structure	
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

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

<p>The planned development plan :</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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