Course description of the program offered by Basrah University

2023 - 2024

Prof Dr Naael H Ali

University of Basrah ,College : college of medicine	1- university and college
Microbiology	2-department
Microbiology	3- course
Classroom for theory	4- available methods of attendance
clinical skills laboratory,	
2023-2024	3- year
	6- hours\ course
1/9/2023	10-Date of production

Aim of programme:

- -high level of scientific knowledge
- high level of practical skill

Learning outcome, teaching, learning and assessment methods

cognativegoals:

- Dissemination of knowledge about immunology
- student should acquired skills in the field of speciality
- Teaching different methods of laboratory diagnosis

skill goals special to the programme:

- Skills and knowledge of immunology

- Interactive lectures including theoretical material
- Lectures

learning and teaching

- Practical laboratory skills

Assessment method:

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

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Course struct	ure				
Method of assessement	Method of teaching	subject	Learning outcome	hours	week
Discussion Short examine questions	Lectures	Principles of immunology	Learning the basics of immunology	1	1
Discussion Short examine questions	Lectures	Immune responses	Immune responses	1	2
Discussion Short examine questions	Lectures	Ag-Ab interactions	serology	1	3
Discussion Short examine questions	Lectures	HLA	HLA	1	4
Discussion Short examine questions	Lectures	Complement	complement	1	5

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JawetzMedical Microbiology	Books required reading:		
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Roitt's Essential Immunology 13 th Edition	Main reference		
	Recommended books and journals		
Medical Journals in google scholar.			
WHO reports.			
Pub med journals			
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	lelectronic references and web sites-		
Web sites in medical microbiology.	_		
ASM. website	_		

The planned development plan:

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

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