



Semester 2, Module 1 (MIP 107)
(Principles of microbiology, immunology, and parasitology)

Week (1)	9:00-10:30 am	10:30-12:00 am	12:00-12:30 pm	12:30- 2 pm	2 – 3:30 pm
Saturday 8-2-2025	Parasitology lecture 1:	Parasitology lecture 2:	Break	Practical G1 Parasitology 1 G 2Parasitology 1 G 6Parasitology 1 G3 Microbiology1 G8 Microbiology 1	Practical G1 Microbiology 1 G6 Microbiology 1
Sunday 9-2-2025	Microbiology lecture 1: Prokaryotic Cell Structure	Microbiology lecture 2: Bacterial Growth and metabolism		Practical G4 Parasitology 1 G7 parasitology 1 G2 Microbiology 1 G5 Microbiology 1	Practical G4 Microbiology 1 G7 Microbiology 1
Monday 10-2-2025	Practical G8 Parasitology 1 G3 Microbiology 2 G5 Microbiology 2	Practical G3 Parasitology 1 G5 Parasitology 1 G8 Microbiology 2 G7 Microbiology 2		Microbiology lecture 3: Bacterial Genetic	Microbiology lecture 4: Antimicrobial drugs
Tuesday 11-2-2025	Medical ethics lecture	Parasitology lecture 3:		Practical G1 Parasitology 2 G2 Parasitology 2 G3 Microbiology 2 G4 Microbiology 2	Practical G3 Parasitology 2 G4 Parasitology 2 G1 Microbiology 2 G2 Microbiology 2

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أ.د. طه أحمد إسماعيل
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وكيل الكلية لشئون التعليم والطلاب
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Wednesday 12-2-2025	Parasitology lecture 4:	Parasitology Lecture 5:		Practical G5 Parasitology 2 G6 Parasitology 2 G7 Microbiology 3 G8 Microbiology 3	Practical G7 Parasitology 2 G8 Parasitology 2 G5 Microbiology 3 G6 Microbiology 3
Thursday 13-2-2025	Microbiology lecture 5: Pathogenesis of bacterial infection	Microbiology lecture 6: General Virology: structure, classification of viruses		Practical G3 Parasitology 3 G5 Parasitology 3	Practical G7 Parasitology 3 G8 Parasitology 3

Week (2)	9:00-10:30 am	10:30-12:00 am		12:00- 12:30 pm	12:30- 2 pm	2 – 3:30 pm
Saturday 15-2-2025	Parasitology lecture 6:	Parasitology lecture 7:		Break	Practical G1 Parasitology 3 G2 Parasitology 3 G4 Microbiology 3 G6 Microbiology 3	Practical G4 Parasitology 3 G6 Parasitology 3 G1 Microbiology 3 G2 Microbiology 3
Sunday 16-2-2025	Microbiology lecture 7: General Mycology	Microbiology lecture 8: Infection control			Practical G1 Parasitology 4 G2 Parasitology 4	Practical G3 Parasitology 4 G4 Parasitology 4

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		guidelines & Health care associated Infection			G3 Microbiology 4 G4 Microbiology 4	G1 Microbiology 4 G2 Microbiology 4
Monday 17-2-2025	Practical G5 Parasitology 4 G6 Parasitology 4 G7 Microbiology 4 G8 Microbiology 4	Practical G7 Parasitology 4 G8 Parasitology 4 G5 Microbiology 4 G6 Microbiology 4			Microbiology lecture 9: General Immunology, Classification of the immune response	Microbiology lecture 10: Organs and cells of the immune system
Tuesday 18-2-2025	Medical ethics lecture	Microbiology lecture 11: Adaptive immunity Microbiology lecture 12: Innate immunity(online)			Practical G1 Parasitology 5 G2 Parasitology 5 G3 Microbiology 5 G4vMicrobiology 5	Practical G3 Parasitology 5 G4 Parasitology 5 G1 Microbiology 5 G2 Microbiology 5
Wednesday 19-2-2025	Parasitology Lecture 8	Parasitology Lecture 9			Practical G5 Parasitology 5 G6 parasitology 5 G7 Microbiology 5 G8 Microbiology 5	Practical G7 Parasitology 5 G8 Parasitology 5 G5 Microbiology 5 G6 Microbiology 5



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Thursday 20-2-2025	Parasitology Lecture 10	Parasitology Lecture 11			Practical G1 Microbiology 6 G2 Microbiology 6 G5 skill lab 1 G6 skill lab1	Practical G5 Microbiology 6 G6 Microbiology 6 G1 skill lab 1 G2 skill lab1
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Week (3)	9:00-10:30 am	10:30-12:00 am		12:00-12:30 pm	12:30- 2 pm	2 – 3:30 pm
Saturday 22-2-2025	Parasitology Lecture 12	Microbiology lecture 12: Antigens and Antibodies		Break	Practical G3 Microbiology 6 G4 Microbiology 6 G7 skill lab 1 G8 skill lab 1	Practical G7 Microbiology 6 G8 Microbiology 6 G3 skill lab1 G4 skill lab1
Monday 24-2-2025	PRACTICAL EXAM (1-400)					
Tuesday 25-2-2025	PRACTICAL EXAM (400 till the end)					
Thursday 27-2-2025	End module electronic exam					



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PRACTICAL SESSIONS

Practical No.	Parasitology	Microbiology
Practical 1	Introduction to Platyhelminthes (Trematodes and Cestodes)	Identifying different bacteria and fungi under the microscope
Practical 2	Introduction to Nematodes, Protozoa	Bacterial cultures
Practical 3	Medically important arthropods 1	Differentiating different bacterial growth in culture
Practical 4	Medically important arthropods 2	Antibiotic sensitivity test
Practical 5	Laboratory diagnosis of Parasitic diseases	Method for diagnosis of viral infection
Practical 6		Method for diagnosis of fungal infection
Practical 7		Immuno-diagnostic tests

* All Lectures will be in lecture hall 2 (first floor)

At the start of each lecture there will be formative exam in the form of SBAs or ultrashort assays.

Online lectures will be interactive using THINQI platform.

All practical classes will be held in Microbiology and Parasitology labs.



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