

Semester 9002 Systemic bacteriology	Main Topics	Theoretical (60 hrs)	Practical (90 hrs)
G+ve cocci :			
	▪ Staph	2	3
	▪ Strept	2	3
	▪ Pneumo	2	3
G+ve bacilli:	❖ Spore-forming rods		
	▪ Aerobic :Bacillus	2	2
	▪ Anaerobic :Clostridia	3	2
	❖ Non-spore-forming rods		
	▪ Nonfilamentous:		
	-Corynebacterium	2	2
	-Listeria	2	2
	-lactobacillus	2	1
	▪ Filamentous :		
	-Actinomyces	4	
	-Nocardia	2	
G-ve cocci :	▪ Neisseria	3	2
	▪ Moraxella	1	2
G-ve bacilli:			
	❖ Facultative:		
	○ <u>Straight</u> :		
	i. Respiratory organisms:		
	Haemophilus	2	1
	Bordetella	2	1
	Legionella	2	1
	i. Zoonotic organisms mainly:		
	Brucella	2	1
	Francisella	2	1
	Pasteurella	2	1
	Yersinia	2	1
	i. Enteric and related organisms:		
	Escherichia	2	2
	Klebsiella	2	2
	Enterobacter	2	2
	Serratia	2	2
	Salmonella	2	2
	Shigella	2	2
	Proteus	2	2

	<ul style="list-style-type: none"> ○ <u>Curved :</u> <ul style="list-style-type: none"> ▪ Campylobacter ▪ Helicobacter ▪ Vibrio 	2 2 2	1 1 1
	<ul style="list-style-type: none"> ❖ Aerobic : <ul style="list-style-type: none"> Pseudomonas Other non fermenter e.g. Burkholdariaetc 	2 2	2 2
	<ul style="list-style-type: none"> ❖ Anaerobic : Bacteroid 	2	1
	<ul style="list-style-type: none"> Gardenrella Acineto 	2 2	1 2
Mycobacteria:	<ul style="list-style-type: none"> ▪ M.tuberculosis ▪ M.lepra ▪ Atypical Mycobacteria 	2 2 2	12 1 1