

<b>Semester 9003 Systemic bacteriology</b>	<b>Main Topics</b>	<b>Theoretical (60 hrs)</b>	<b>Practical (90 hrs)</b>
<b>Spirochetes:</b>	<ul style="list-style-type: none"> <li>▪ Treponema</li> </ul>	3	4
	<ul style="list-style-type: none"> <li>▪ Borrelia</li> </ul>	3	3
	<ul style="list-style-type: none"> <li>▪ leptospira</li> </ul>	3	3
<b>Mycoplasma</b>	<ul style="list-style-type: none"> <li>▪ <i>Mycoplasma pneumoniae</i></li> <li>▪ <i>Mycoplasma hominis</i></li> <li>▪ <i>Ureaplasma urealyticum</i></li> </ul>	2 0.5 0.5	5
<b>Rickettsiae</b>	<ul style="list-style-type: none"> <li>▪ <i>Rickettsia rickettsii</i></li> <li>▪ <i>Rickettsia prowazekii</i></li> <li>▪ <i>Coxiella burneti</i></li> </ul>	2 2 2	5
<b>Chlamydia</b>	<ul style="list-style-type: none"> <li>▪ <i>C. trachomatis</i></li> <li>▪ <i>C. pneumoniae</i></li> <li>▪ <i>C. psittaci</i></li> </ul>	3 2 1	5
<b>Minor bacterial pathogens</b>	<ul style="list-style-type: none"> <li>▪ Abiotrophia, Micrococcus, Peptococcus, Peptostreptococcus, Sarcina, Streptococcus suis</li> <li>▪ Arachnia, Arcanobacterium, Bifidobacterium, Erysipelothrix, Eubacterium, Gardnerella, Lactobacillus, Mobiluncus</li> <li>▪ Propionibacterium, Rhodococcus</li> <li>▪ Veillonella</li> <li>▪ Achromobacter, Acinetobacter, Actinobacillus, Aeromonas, Alcaligenes, Arizona, Bartonella, Citrobacter, Corynebacterium jeikeium, Corynebacterium minutissimum, Edwardsiella, Eikenella, Erwinia, Fusobacterium, HACEK group, Haemophilus ducreyi, Hafnia, Kingella</li> </ul>	4	5
<b>General Mycology</b>	<ul style="list-style-type: none"> <li>▪ Structure &amp; Growth</li> <li>▪ Pathogenesis</li> <li>▪ Fungal Toxins &amp; Allergies.</li> <li>▪ Laboratory Diagnosis</li> <li>▪ Antifungal Therapy</li> </ul>	2 2 2 2 2	20
<b>Systemic Mycology</b>	<ul style="list-style-type: none"> <li>▪ Aspergillus</li> <li>▪ Candida</li> <li>▪ Coccidioides</li> <li>▪ Histoplasma</li> <li>▪ Blastomyces</li> </ul>	2 2 2 2 2 2	40

	<ul style="list-style-type: none"><li>▪ Paracoccidioides</li><li>▪ Cryptococcus</li><li>▪ Opportunistic fungal infections.</li></ul>	2	
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