ANT	IBACTERIAL EFFICIE	NCY A	AND IN VITRO SENSITIVITY TESTS						
1	Course Title:	ANTIBAC TESTS	CTERIAL EFFICIENCY AND IN VITRO SENSITIVITY						
2	Course Code:	BYT604	0						
3	Type of Course:	Optional							
4	Level of Course:	Third Cy	cle						
5	Year of Study:	1							
6	Semester:	2							
7	ECTS Credits Allocated:	6.00							
8	Theoretical (hour/week):	3.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	None							
12	Language:	Turkish							
13	Mode of Delivery:	Face to t	face						
14	Course Coordinator:	Prof. Dr.	Cüneyt ÖZAKIN						
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	ozakin@uludag.edu.tr, 0224.2954115, Uludağ Üniversitesi tıp Fakültesi Temel Tıp Bilimleri Binası, Tıbbi Mikrobiyoloji Anabilim Dalı, 16059 Nilüfer, Bursa							
17	Website:								
18	Objective of the Course:	Classification of antimicrobials, general mechanisms of action, understanding of the mechanisms of action of certain antibiotic groups,  The role of pharmacokinetic and pharmacodynamic properties of antibacterials in their effectiveness, sensitivity and synergy tests, interpretation, mechanism of action of disinfectants and examination of efficacy tests.							
19	Contribution of the Course to Professional Development:	To recognize antibacterial agents, to interpret their mechanisms of action and their efficacy with sensitivity tests.							
20	Learning Outcomes:								
		1	To classify antimicrobials, to learn the mechanism of action of certain antibacterials						
		2	To learn the differences in the pharmacokinetic and pharmacodynamic properties of antibacterials and the roles of these properties in their use.						
		3	To learn and interpret the standards of antibacterial susceptibility tests						
		4	To be able to define the concepts of MİK and MBK, to have an idea about synergy tests						
		5	To have knowledge about disinfectant antimicrobials						
		6	To have information about the effectiveness tests and stages of disinfectants						
		7							
		8							
		9							
		10							
21	Course Content:								
		Co	ourse Content:						
Week	Theoretical		Practice						

1	Ove	rview	of an	timicr	ohials													
2							m of	action										
3		ntibacterials and their mechanism of action lactams																
3																		
4	Mac	Macrolides																
5	Amiı	nogly	cosid	es														
6	Quir	nolon	es															
7	Glycopeptides																	
8	Tetra	acycl	ines															
9	Othe	Other antibacterials																
10	Sus	Susceptibility tests in antibacterials																
11	Syne	Synergy Tests																
12		Pharmacokinetic and pharmacodynamic properties																
13	Antil	Antibacterials in disinfectant class																
14		hanis nfecta		f actio	n and	efficad	cy test	ts of										
22	Text	thook	s Re	ferenc	es an	d/or O	ther		1-	Bryskie	er Δ Δι	ntimicro	hial Ag	ents: A	ntihact	erials an	Ь	
	Textbooks, References and/or Other Activites														hour)	our) Total Work Load (hour)		
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Practic	Practicals/Labs									0			0.00			0.00		
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Homev			<u> </u>							0 0.00					0.00			
Rigiect	ects Exam 1								4	40.00						0.00		
	m Exam Studies									0			0.00	0.00				
Midterr	m exe	ims oroie	ect				C	)	0	0 0 0 20.00					20.00			
Others		<u> proje</u>	, <u>, , , , , , , , , , , , , , , , , , </u>							0			0.00			0.00		
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Total V							- 12			100.00					176.00			
Sotates	eor@te	ade/	30 hr	,		J										5.87		
ECTS	ECTS Credit of the Course															6.00		
Total									10	00.00								
Course	9							d in th			e-choid e sched		a short-	-answe	er midte	rm and a	a final	
24	EC	TS/	WOI	RK L	OAD	TAB	LE											
25	5			CON	TRIE	UTIO	N O				OUTC	OME NS	S TO I	PROC	SRAM	ME		
		PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16	
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ÖK2	2	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
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Contrib 1 very low ution Level:				2 low			Medi			4 Higl				y High		
LO: Learning Objectives PQ: Program Qualifications																
ÖK6	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0