MEDICALLY IMPORTANT BACTERIA

1	Course Title:	MEDICALLY IMPORTANT BACTERIA
2	Course Code:	TMK6002
3	Type of Course:	Compulsory
4	Level of Course:	Third Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Cüneyt ÖZAKIN
15	Course Lecturers:	Prof Dr Beyza Ener, Doç Dr Melda Payaslıoğlu
16	Contact information of the Course Coordinator:	ozakin@uludag.edu.tr 0224 295 4115 Uludağ Üniversitesi Tıp Fakültesi Tıbbi Mikrobiyoloji Anabilim dalı 16059 Görükle Bursa
17	Website:	
18	Objective of the Course:	Medically important bacteria, caused diseases and diagnostic methods teaching.
19	Contribution of the Course to Professional Development:	To obtain conceptual information and to put diagnostic approaches in order for the diagnosis of medically important bacteria and the diseases they cause.
20	Learning Outcomes:	
	1	To listed medically important bacteria
	2	Explain the patogenesis of bacterial diseases
	3	Choose the laboratory methods used to identify bacteria
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21	Course Content:	

Course Content:

Week	Theoretical	Practice
1	Staphylococcus, Streptococcus, Enterococcus and other Gram pozitive cocci	
2	Bacillus, Listeria, Erysipelothrix, Corynebacterium and outher Gram pozitive rods	
3	Nocardia and related bacteria Neisseria and related bacteria	

4	Mycobacterium	
5	Enterobacteriaceae	
6	Vibrio, Aeromonas, Campylobacter and Helicobacter	
7	Pseudomonas and related bacteria	
8	Haemophilus, Bordotella, Brucella, Francisella and Legionella	
9	Anaerobic spore forming Gram positive rods	
10	Anaerobic non-spore-forming Gram positive bacteria	
11	Anaerobic Gram negative bacteria	
12	Treponema, Borrelia and Leptospira	
13	Mycoplasma and Ureaplasma	
14	Rickettsia, Orientia, Ehrlichia, Anaplasma, Coxiella and Chlamydiaceae	

22	Textbooks, References and/or Other Materials:	1- Murray PR, Baron EJ, Jorgensen JH, Pfaller MA, Yolken RH (Eds). Manual of Clinical Microbiology 8th Edition ASM Press Washington DC (2003) 2- Topcu AW, Söyletir G, Doğanay M (editörler). Enfeksiyon Hastalıkları ve Mikrobiyolojisi Nobel Tıp Kitapevi, İstanbul (2008) 3- Brooks GF, Carroll KC, Butel JS, Morse SA. Jawetz, Melnick & Adelberg's Medical Microbiology 24th Edition McGraw-Hill Comp. USA, (2007)
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	1	30.00
Quiz	0	0.00
Home work-project	1	20.00
Final Exam	1	50.00
Total	3	100.00
Contribution of Term (Year) Learning Activities to Success Grade		50.00
Contribution of Final Exam to Success Grade		50.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		There is a homework and a classic exam.

24	**ECTS / WORK LOAD TABLE**

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	5.00	70.00
Homeworks	1	15.00	15.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			163.00
Total work load/ 30 hr			4.93
ECTS Credit of the Course			5.00

25	**CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS**															
	PQ1	**PQ2**	**PQ3**	**PQ4**	**PQ5**	**PQ6**	**PQ7**	**PQ8**	**PQ9**	**PQ10**	**PQ11**	**PQ12**	**PQ13**	**PQ14**	**PQ15**	**PQ16**
ÖK1	2	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0
ÖK2	0	5	0	3	4	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	2	1	3	2	1	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	**1 very low**		**2 low**			**3 Medium**			**4 High**			**5 Very High**				