
		UNIVERSITY OF EAST SARAJEVO Faculty of Medicine in Foča					
		Study program:medicine					
		Integrated academic studies		IV study year			
Full subject title		Clinical Microbiology					
Department		Propaedeutics department of Faculty of Medicine in Foča					
Subject code			Subject status		Semester		ECTS
ME-02-1-041-7			compulsory		VII		1
Professor/ -s		Ivan Jovanović, MD PhD, full professor; Nevena Gajovic, MD PhD, assistant professor					
Associate/ -s		/					
Number of lectures/ teaching workload (per week)			Individual student workload (in hours per semester)			Coefficient of student workload S₀¹	
L	E	SP	L	E	SP	S₀	
1	0	0	1*15*1	0*15*1	0*15*1	1	
total teaching workload (in hours, per semester) 1*15 + 0*15 + 0*15 = 15			total student workload (in hours, per semester) 1*15*1 + 0*15*1 + 0*15*1 = 15				
Total subject workload (teaching + student): 15+15=30 hours per semester							
Learning outcomes		mastering the subject, the student will be able to: 1. Know which test to use in certain situation 2. Know which sample to ask for microbiological diagnosis 3. Interpretation of microbiological analyses 4. Practical references in microbiological diagnosis					
General competences		1. They possess broad fundamentals of theoretical knowledge and practical skills, preparing them for any type of postgraduate education as well as for collaboration with other medical professionals. 2. They have acquired a systemic thinking approach as well as a structured approach to medical problems during their education. 3. They are acquainted with a specific diagnostic algorithm. 4. They are capable of making appropriate therapeutic decisions. 5. They are capable of expressing themselves and communicating in a manner that is both understandable and acceptable to the patient. 6. They are prepared for accepting responsibility and appropriate medical decision-making. 7. They are acquainted with health improvement and disease prevention and are eager to make medical professionals adopt more positive attitude towards it. 8. They are conscious of the necessity for continuous learning and improvement process to maintain a high level of medical competence.					
Preconditions		Precondition for taking the exam: all year 3 exams passed					
Teaching methods		Oral lectures and seminars					
Subject content per week		Lectures 1. Upper respiratory tract infections. Clinical case and diagnostics. 2. Lower respiratory tract infections. Clinical case and diagnostics. 3. GIT infections. Clinical case and diagnostics. 4. Hepato-biliary infections. Clinical case and diagnostics. 5. Sepsis. Clinical case and diagnostics. 6. Skin infections. Clinical case and diagnostics. 7. CNS infections. Clinical case and diagnostics. 8. Urinary tract infections. Clinical case and diagnostics. 9. Genital tract infections. Clinical case and diagnostics. 10. Eye and ear infections. Clinical case and diagnostics. 11. STD and pregnancy infections. Clinical case and diagnostics. 12. Imported diseases. Clinical case and diagnostics. 13. New and threatening diseases. Clinical case and diagnostics. 14. Hospital-acquired diseases. Clinical case and diagnostics. 15. Imuno-comressed patients' infections diseases. Clinical case and diagnostics.					

¹The coefficient of student workload S₀ is calculated as it follows:

- a) for the study programs not going through the licensing process: S₀ = (total workload in semester for all of the subjects 900 hrs – total teaching workload L+E in semester for all of the subjects 870 hrs)/ total teaching workload L+E in semester for all of the subjects ____ hrs = _____. Consult form content and its explanation.
b) for the study programs going through the licensing process, it is necessary to use form content and its explanation.

Compulsory literature			
Author/s	Publication title, Publisher	Year	Pages (from-to)
N. Cary Engleberg	Schaechter's Mechanisms of Microbial Disease Sixth edition, Walters Kluwer	2021.	
Ernest. Jawetz, Joyeph Melnick, Edward Adelberg	Medical Microbiology. Appleton & Lange	1998.	
Murray P, Rosenthal K	Medical Microbiology	2009	
Goering R, Dockrell H	Mims' Medical Microbiology	2012	
Additional literature			
Author/s	Publication title, Publisher	Year	Pages (from-to)
Student responsibilities, types of student assessment and grading	Grading policy		Points
	Pre-exam activities		Percentage
	lecture/exercise attendance		30
	colloquium		20
	Final exam		50
	test		50%
Total		100	100 %
Certification date	June 17th 2024		

* the number of necessary rows is added by using *insert mode*