

	UNIVERSITY OF EAST SARAJEVO Faculty of Medicine					
	Study program: medicine					
	Integrated academic studies	I study year				
Full subject title	INFORMATICS IN MEDICINE					
Department	Chair for Primary Health Care and Public Health, Faculty of Medicine in Foca					
Subject code	Subject status	Semester	ECTS			
ME-01-2-009-2	elective	II	1			
Professor/ -s	associate professor. Natasa Milic PhD, assistant professor Srdjan Masic, MA, PhD					
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
0	1	0	0*15*1	1*15*1	0*15*1	1
total teaching workload (in hours, per semester) 0*15 + 1*15 + 0*15 = 15			total student workload (in hours, per semester) 0*15*1+ 1*15*1+ 0*15*1= 15			
Total subject workload (teaching + student): 15 + 15 = 30 hours per semester						
Learning outcomes	Mastering the knowledge and skills of the use of information and communication technologies in the process of finding, keeping, creation and use of electronic materials for learning, and the use and evaluation of information and knowledge in medical practice. Knowledge acquired during the course of teaching allows the student of medicine to effectively use modern information and communication technologies in the learning process. Acquired knowledge and skills are used in all medical disciplines during and after the completion of studies.					
Preconditions	-					
Teaching methods	Teaching under supervision consists of lectures, seminars, case studies and exercises (including group discussions of predefined content, demonstration of different tools and software, and use of online resources (articles, books, databases), consultations and exams.					
Subject content per week	Exercises: <ol style="list-style-type: none"> 1. Introduction to Medical Informatics 2. Tools of information and communication technologies in the process of learning in medicine 3. Evaluation of the quality of websites that relate to health 4. Quality criteria for sites relating to health 5. Searching bibliographic databases 6. Medline, PubMed 7. Medical decision-making – diagnosis 8. Diagnostic tests 9. Sensitivity and specificity - probability of disease after the test 10. Informal and formal decision-making in medicine 11. Medical decision-making - choice of treatment 12. Medical decision-making - the choice of therapy 13. Health information system 14. Electronic health / medical documentation 15. European Health Network 					
Compulsory literature						
Author/s	Publication title, Publisher	Year	Pages (from-to)			
Additional literature						
Author/s	Publication title, Publisher	Year	Pages (from-to)			
Eric Marinkovic, J., Kocev, N.	Medicinska informatika Available at http://www.mfub.bg.ac.rs/dotAsset/38236.pdf					
Eric Marinkovic, J., Simic, S., Bozovic, Z.,	Mali recnik informatike u medicini i zdravstvu. Available					

¹Coefficient of student workload S₀ is calculated as it follows:

a) for the study programs not going through the licencing process: S₀ = (total workload in semester for all the subjects 900 hrs – total teaching workload L+E in semester for all the subjects 870 hrs)/ total teaching workload L+E in semester for all the subjects ____ hrs = _____. Consult form content and its explanation.

b) for the study programs going through the licencing process, it is necessary to use form content and its explanation.

Dacic, M. aand Kocev, N..	at http://www.mfub.bg.ac.rs/dotAsset/38234.pdf			
Student responsibilities, types of student assessment and grading	Grading policy		Points	Percentage
	Pre-exam activities			
		exercise attendance	15	15%
		seminar papers	35	35%
	Final exam			
		written test	50	50%
	Total	100	100 %	
Web page	http://infostat.mf-foca.edu.ba/index.php/studije-medicine/informatika-u-medicini			
Certification date	December 13 th 2018			

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