
		UNIVERSITY OF EAST SARAJEVO						
		Faculty of Medicine						
		Study program: medicine						
		Integrated academic studies		III study year				
Full subject title		RATIONAL PHARMACOTHERAPY						
Department		Department of pharmacology, toxicology and clinical pharmacology, Faculty of Medicine in Foča						
Subject code			Subject status		Semester		ECTS	
ME-02-3-045-8			elective		VIII		1	
Professor/ -s		Professor Dragana Sokolovic ; professor Dragana Drakul						
Associate/ - s		Assist. Milica Radanovic						
Number of lectures/ teaching workload (per week)			Individual student workload (in hours per semester)			Coefficient of student workload S_0^1		
L	E	SP	L	E	SP	L		
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 teaching workload (in hours, per semester) $1*15*1 + 0*15*1 + 0*15*1 = 15$					
Total subject workload (teaching + student): $15 + 15 = 30$ hours								
Learning outcomes		<ol style="list-style-type: none">By mastering the subject Rational Pharmacotherapy, the student should, after passing the exam, have the knowledge of:1. On the specifics of the treatment of selected common diseases and emergency conditions in medicine.2. Necessary for a rational pharmacotherapeutic approach according to the indication, for the selection of an adequate drug, dose, route of administration, dosage regimen and duration of therapy.3. It is necessary to search professional literature, find and interpret recommendations from modern therapeutic guidelines and guides.						
General competences		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. They are prepared for further development and advances within the field of medicine. They are capable of making appropriate therapeutic decisions. They are capable of acting in accordance with rational and scientific concepts and principles.						
Preconditions		Passed exams from the second year of study in order to listen to the course, as well as pathology and pathophysiology from the third year must be satisfied in order to take the exam.						
Teaching methods		Lectures, Exercises, Seminars and Colloquia						
Subject content per week		Lectures: Principles of Rational Pharmacotherapy Based on Clinical Evidence, Evidence-Based Medicine Essential Medicines for Physicians' Bag – Part 1 Essential Medicines for Physicians' Bag – Part 2 Treatment of Acute Myocardial Infarction Treatment of Ischemic Stroke Treatment of Acute Complications of Diabetes Mellitus Biological Drugs in the Therapy of Rheumatoid Arthritis Irrational Use of Medicines Treatment of Anxiety Disorders Rational Therapy for Insomnia Development of Therapeutic Algorithm for a Selected Disease Development of Therapeutic Algorithm for a Selected Disease Development of Therapeutic Algorithm for a Selected Disease						

¹The coefficient of student workload S_0 is calculated as it follows:

- a) for the study programs not going through the licensing process: $S_0 = (\text{total workload in semester for all of the subjects } 900 \text{ hrs} - \text{total teaching workload } L+E \text{ in semester for all of the subjects } 870 \text{ hrs}) / \text{total teaching workload } L+E \text{ in semester for all of the subjects } ______ \text{ hrs} = ______$. 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.

	Development of Therapeutic Algorithm for a Selected Disease Development of Therapeutic Algorithm for a Selected Disease		
Compulsory literature			
Author/s	Publication title/Publisher	Year	Pages (from-to)
1. Katzung BG	Katzung's Basic & Clinical Pharmacology , Lange, 16 th edition	2023	
Anđelković D	Recipe, Belgrade; Medical Faculty Belgrade	1998	Percentage
	Pre-exam activities		
	lecture/exercise attendance	10	10%
	Seminar paper	20	20%
	Individual work	20	20%
	Final exam		
	exam	50	50%
TOTAL		100	100 %
Certification date	June 17th 2024		

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