
		UNIVERSITY OF EAST SARAJEVO Faculty of Medicine in Foča					
		Study program: medicine					
		Integrated academic studies		IV study year			
Full subject title		Neurology					
Department		Neurology and psychiatry department of Faculty of Medicine in Foča					
Subject code			Subject status		Semester		ECTS
ME-02-1-038-7; ME-02-1-038-8			compulsory		VII, VII		6
Professor/ -s		professor Vekoslav Mitrović MD, PhD, professor Branislava Čurčić MD, PhD; prof. Dragoslav Sokic, full professor; prof. Nikola Vojvodic, assoc. professor; Aleksandar Ristić, assist. professor; Dejan Aleksic, assist. professor, Milos Vasiljevic, assist. prof.					
Associate/ -s		Senior assist. Goran Popovic					
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	2	0.66	1*15*0.78	2*15*0.78	0.66*15*0.78	0.78	
1	2	0.66	1*15*0,78	2*15*0.78	0.66*15*0.78	0.78	
total teaching workload (in hours, per semester) 1*15 + 2*15 + 0.66*15 = 55 1*15 + 2*15 + 0.66*15 = 55			total student workload (in hours, per semester) 1*15*0.78 + 2*15*0.78 + 0.66*15*0.78 = 35.1 1*15*0.78 + 2*15*0.78 + 0.66*15*0.78 = 35.1				
Total subject workload (teaching + student): 110 + 70 =180 hours per semester							
Learning outcomes		(mastering the subject, the student will be able to: ... min. 4 outcomes) Main aims of this subject are introduction to neurological diseases. Considering the fact that students already have the knowledge in anatomy (CNS), physiology, pathophysiology and pathology , the aim is to connect that knowledge with specific demands of neurology. One of the aims is to train students for neurological thinking –anatomic and topographic process localization, diagnosis and therapy.					
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 have adopted attitudes concerning medical ethics. They are prepared for further development and advances within the field of medicine. They have acquired a systemic thinking approach as well as a structured approach to medical problems during their education. They are acquainted with a specific diagnostic algorithm. They are capable of making appropriate therapeutic decisions. They are acquainted with methodology of scientific research. They are capable of acting in accordance with rational and scientific concepts and principles. They have an unbiased attitude towards new scientific methods in medicine. They are eager to dedicate themselves to the field of medicine and accept responsibility for the physical, mental and social well-being of their patients. They are respectful to the patients regardless of their gender, age, race, social and economic status, education, culture or religion. They advocate for the patient's right to participate fully in medical treatment decisions, including the right to the refusal of care or participation in the process of education and scientific research. They are capable of expressing themselves and communicating in a manner that is both understandable and acceptable to the patient. They are prepared for accepting responsibility and appropriate medical decision-making.					
Preconditions		Precondition for taking the exam is passed exam of Special Pharmacology and Toxicology					
Teaching methods		Oral lectures and exercises					
Subject content per week		Lectures 1. Introduction to neurology. CNS organization. Contemporary research methods 2. Cranial nerves I and II – function and pathology 3. Cranial nerves III, IV and VI – function and pathology 4. Cranial nerves V and VII – function and pathology					

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

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

	5.	VIII cranial nerve – function and pathology, vertigo	
	6.	Cranial nerves IX, X, XI and XII – function and disorders	
	7.	Tonus, reflexes – disorders	
	8.	PMN syndrome disorder	
	9.	CMN syndrome disorder - Altitude Diagnosis	
	10.	Extrapyramidal system. Extrapyramidal syndromes	
	11.	Cerebellum, function and disorders	
	12.	Sensibility and sensitivity syndromes	
	13.	Spinal cors and spinal syndromes	
	14.	Higher cortical functions and cerebral lobe syndromes	
	15.	Speech disorders	
	16.	Walk disorders	
	17.	Emergency conditions in neurology (coma syndrome)	
	18.	Brain trauma and posttraumatic conditions	
	19.	Cerebrovascular diseases	
	20.	Intracranial hypertension syndrome. Brain tumors	
	21.	Epilepsy	
	22.	Headache and face pains	
	23.	Acute CNS inflammatory diseases	
	24.	Demyelinating CNS disease	
	25.	Extrapyramidal system diseases	
	26.	Peripheral nerves disease (mononeuritis, polyneuritis, polyneuropaties)	
	27.	Neuromuscular diseases	
	28.	Developmental neurology, neonatal and perinatal disorders. CP in children	
	29.	Subacute and chronical CNS inflammatory diseases	
	30.	Diagnostic methods in neurology	
	Exercises		
	1.	Propaedeutics	
	2.	I and II cranial nerve	
	3.	III and IV and VI cranial nerve	
4.	V and VII cranial nerve		
5.	VII cranial nerve		
6.	IX and X cranial nerve		
7.	X and XII cranial nerve		
8.	Clinical Seminar		
9.	Central motor neuron		
10.	Peripheral motor neuron		
11.	Reflex		
12.	Muscular tonus		
13.	Cerebellum		
14.	Extrapyramidal system		
15.	Sensibility		
16.	Spinal syndrome		
17.	Clinical Seminar		
18.	Nerological examination – recapitulation		
19.	Cerebrovascular diseases		
20.	Cerebrovascular diseases		
21.	Intracranial hypertension syndrome and brain tumors		
22.	Epilepsy		
23.	Demyelinating CNS disease		
24.	Emergency conditions in neurology		
25.	Clinical Seminar		
26.	Headaches and face diseases		
27.	Extrapyramidal system diseases		
28.	Peripheral nerves diseases		
29.	Neuromuscular diseases		
30.	Diagnosis in neurology		
Compulsory literature			
Author/s	Publication title, Publisher	Year	Pages (from-to)
Vladimir S. Kostić	Neurology for medical students, Belgrade	2007	1-405
Vladimir S. Kostić	Principles of neurological examination, Belgrade	2012	3-183
Additional literature			

Author/s		Publication title, Publisher		Year	Pages (from-to)	
N.Petrović, V.Mitrović, A.Ristić		Migraine, Niš		1999		
Student responsibilities, types of student assessment and grading	Grading policy			Points		Percentage
	Pre-exam activities					
	activity during lectures			10		10%
	practical lectures			20		20%
	seminar paper			10		10%
	test			10		10%
	Final exam					
	test			10		10%
	oral			30		30%
	test			10		10%
	Total			100		100 %
Certification date	June 17th 2024					

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