

1.	Subject	NEUROLOGY		
2.	Code	OM 413		
3.	Study Program	General Medicine		
4.	Institution (Unit, Institute, Chair, Department)	Ss Cyril and Methodius University, Medical Faculty, Clinic of Neurology		
5.	Degree of education (first or second cycle)	Integrated 6-year study		
6.	Study year/semester	Forth (IV)/VII	7.Number of credits	6
8.	Responsible teacher	Prof. Dijana Nikodijevic, PhD, MD		
9.	Preconditions	Fullfilled condition for VII semester		
10.	• Teaching goals:			

	<ul style="list-style-type: none"> • Introduction to neurological symptoms and signs • Introduction to neurological diseases • Introduction to diagnostic methods and procedures used for the diagnosis of neurological diseases • Introduction to management of neurological diseases • Introduction in pharmacological and non-pharmacological treatment of neurological diseases • The student to learn and master skills in the frame of rational diagnosis and contemporary treatment based on etiology and pathogenesis of the diseases and postulates of clinical pharmacology • The student to be able to rationally clinically judge and treat disease of the nervous system • Contemporary clinical judgement will be based according to the rational diagnosis, especially neurologic examination, and later on the special investigations (laboratory, neurophysiologic, morphologic) • Contemporary rational treatment will be based on the latest therapeutic knowledge and evidence based medicine
--	--

11.	<p>Brief content:</p> <p>Theoretical course:</p> <ul style="list-style-type: none"> • Diagnostic methods for determining disturbances and diseases of the central and peripheral nervous system • Etiology and pathogenesis and clinical manifestations of the disturbances and diseases of the central and peripheral nervous system • Therapy for the disturbances and diseases of the central and peripheral nervous system <p>Practical lessons:</p> <ul style="list-style-type: none"> • Recognition of neurological symptoms and neurological signs • Topographic localization of the neurological symptoms and signs • Learning clinical skills • practical application of the acquired theoretical knowledge 			
12.	<p>Methods of studying:</p> <p>Interactive teaching during lectures and practical trainings, independent study by using textbooks, visual studying of neurological signs and neurological diseases, practical exercises on patients with neurological diseases with neurological symptoms and signs, computer-assisted learning.</p>			
13.	Total available time:	270 classes		
14.	Organization of the course	<p>90 classes - theoretical course, practical course, seminars</p> <p>180 classes - home individual learning</p>		
15.	Forms of teaching activities	15.1.	Theoretical course	30 classes
		15.2.	Practical course, Seminars	60 classes
16.	Other forms of activities	16.1.	Practice	
		16.2.	Individual tasks	
		16.3.	Individual (home) learning	180 classes
17.	Method of assessment			

17.1	Tests	min – max
	Continual assessment – test	15-25
	Final exam: final test + practical examination +oral examination	
	4. Final test:	15-25 points
	5. Practical examination	20-30 points
	6. Oral examination: integrative knowledge of the whole material learnt in Neurology	20-45 points
	The grade in the final exam is given according to the grading table, and on the basis of the sum of points obtained in	

		all of the activities.	
17.2	Seminar paper/project (oral/written presentation)	min – max 1 - 2	
17.3	Active participation	min – max	
	Theoretical course	1-2	
	Practical course	4 - 6	
	Completed textbook	mandatory	
18.	Grading criteria (points / grade)	up to 59 points	5 (five) F
		from 60 to 68 points	6 (six) E
		from 69 to 76 points	7 (seven) D
		from 77 to 84 points	8 (eight) C
		from 85 to 92 points	9 (nine) B
		from 93 to 100 points	10 (ten) A

19.	Requirement for signature and taking the final exam	<p>The student is required to actively follow all of the planned activities.</p> <p>Conditional criteria for assessment of knowledge: In order to get a signature, the student should obtain minimum points in both theoretical and practical courses, and to present a seminar paper;</p> <p>In order to take the final exam, the student should obtain the minimum points in the test during continual assessments; If the student has not obtained the minimum points in the continual assessments, he/she will be obligated to pass them before the final exam.</p>				
20.	Language of instruction	Macedonian				
21.	Method of monitoring the quality of teaching process	Attendance of students to classes and interactive participation in theoretical and practical lessons.				
22.	Textbooks					
		Mandatory				
	22.1.	1.	Principles of neurology	Adams and Victor's	Allan H. Ropper, Martin A. Samuels, Joshua Klein	2014
		Additional				
	22.2.	1.	Clinical Neurology	Roger S, Aminof M, Gringerb D	Mc Graw-Hill Companies Inc.	2009
		2.	Neurology in clinical practice	Walter Bradley, Robert Daroff Gerald Fenichel C. David Marsden	Butterworth-Heinemann	1996