

<i>Name of the course</i>	Epilepsy in children and adults			Code	
<i>Type of study program Cycle</i>	Integrated university study, medicine			Year of study	4
<i>Credits (ECTS):</i>	2	<i>Semester</i>	VIII	Number of hours per semester (l+e+s)	25h (8L, 10E, 7S)
<i>Status of the course:</i>	Elective	<i>Preconditions:</i>		<i>Comparative conditions:</i>	
<i>Access to course:</i>	Fourth year students			<i>Hours of instructions:</i>	According to schedule
<i>Course teacher:</i>	Ass. Prof. Nataša Pejanović-Škobić, MD, PhD				
<i>Consultations:</i>	As agreed with students				
<i>E-mail address and phone number:</i>	natasa.pejanovic@mef.sum.ba +387 63 304 999				
<i>Associate teachers</i>	Ana Boban-Raguž, MD, PhD				
<i>Consultations:</i>	As agreed with students				
<i>E-mail address and phone number:</i>	anabobanraguz@gmail.com +387 63 287 619				
<i>The aims of the course:</i>	The aim of the course is to understand and acquire knowledge about diagnosis and treatment of children and adults with epilepsy				
<i>Learning outcomes (general and specific competences):</i>	<ol style="list-style-type: none"> 1. Describe the major etiologies for epilepsy in children and adults 2. Describe and relate knowledge about clinical manifestations of epilepsy and apply it in the diagnosis and treatment in children and adult patients with epilepsy 3. Assess and argue the importance of socioeconomic, psychological, environmental determinants and provide guidance on social issues in children and adults with epilepsy 				
<i>Course content (Syllabus):</i>	<p>Lectures:</p> <p>L1: Epilepsy definition and classification L2: Etiology of epilepsy in adults L3: Etiology of epilepsy in children L4: Diagnosis of epilepsy L5: Pharmacological therapy of epilepsy L6: Non-pharmacological therapy of epilepsy L7: Status epilepticus L8: Epilepsy and pregnancy</p> <p>Seminars:</p> <p>S1: Generalised onset epileptic seizures S2: Focal onset epileptic seizures: Frontal and temporal lobe epilepsy S3: Focal onset epileptic seizures: Parietal and occipital lobe epilepsy S4: Epilepsy imitators – psychogenic nonepileptic attacks S5: Epileptic syndromes S6: Nonepileptic seizures and similar phenomena in children S7: Social issues in adults with epilepsy</p>				

	Exercises: E1: Epilepsy Monitoring Unit for adults – Clinic of Neurology E2: Epilepsy Monitoring Unit for children– Clinic of Pediatrics			
Format of instruction (mark in bold)	Lectures	Exercises	Seminars	Independent assignments
	Consultations	Work with mentor	Field work	Other
Student responsibilities	Searching the literature, active participation in lectures, seminars and exercises			
Screening student work (mark in bold)	Class attendance	Class participations	Seminar essay	Practical training
	Written exam	Oral exam		
Detailed evaluation within a <i>European system of points</i>				
STUDENTS RESPONSIBILITIES	HOURS	PROPORTIONS OF ECTS CREDITS	PROPORTIONS OF GRADE	
Class attendance and participations	25	1,0		
Seminars	7	0,2		
Written exam	13	0,3	100%	
Oral exam				
Total	45	1,5	100%	
Further clarification: Assessment of students' performance will be based on their general activity during the course. It will include active participation in the debates, and preparation of the given units (articles) for the ppt on seminars.				
Final score: The final assessment is carried out according to the Regulation of Studies of the University of Mostar and applies to all study groups. According to the Regulations on studying final grade is obtained as follows: A = 91-100% - 5 (excellent) B = 79 to 90% - 4 (very good) C = 67 to 78% - 3 (good) D = 55 to 66% - 2 (satisfactory) F = 0 to 54% - 1 (fail)				
Required literature:	Understanding Epilepsy. Vibhangini S Wasade. Marianna V. Spanaki. Cambridge University Press. 2020. Pediatric Epilepsy Case Studies: From Infancy and Childhood Through Adolescence. Kevin Chapman et al. CRC Press. 2008.			
Optional literature:	Navigating Life with Epilepsy. David C Spencer. Oxford University Press. 2016. The importance of Photosensitivity for Children. Dorothee Kasteleijn-Nolst Trenite. Springer.			

Additional information about the course	<p>Lectures All students are required to attend lectures regularly (as prescribed by the teaching regulations), and records will be kept about them. All students who are absent from the same are obliged to pass the colloquium from the missed part of the material, as a prerequisite for taking the exam. All students are obliged to respect the schedule and space, come to lectures properly prepared and inform the teacher or head of the department if there are any ambiguities.</p> <p>Exercises All students are required to attend exercises (as prescribed by the rules of faculty), and records will be kept. All students are required to attend the exercises properly dressed (white coat, appropriate clothing and footwear) on time and in accordance with the schedule and agreement with the assistant who is in charge of exercises.</p> <p>Seminars All students are required to attend seminars regularly (as prescribed by the teaching regulations), to prepare the presentations according to schedule of seminar topics they will receive upon the beginning of the course. Records will be kept about their achievement.</p> <p>Written exam The written exam contains 25 questions, which cover all areas covered by the curriculum. To pass the exam (grade sufficient), the student must answer 55% of the questions correctly. According to the Rulebook on studying at the University of Mostar, grades are assigned as follows: 0-54% - insufficient (1); 55-66% - sufficient (2); 67-78% - good (3); 79-90% - very good (4); 91-100% - excellent (5). The winter and summer exam periods are organized by mutual agreement of the teachers, student representatives and the service for the organization of classes, about which students will be informed in a timely manner.</p>
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Annexes: calendar classes

The number of teaching units	TOPICS AND LITERATURE
I.	Title: Epilepsy definition and etiology Short description: Learning about major etiologies for epilepsy (i.e. structural, genetic, infectious, metabolic, immune, and neurodegenerative) Literature: Required and optional
II.	Title: Epilepsy diagnosis and electroencephalography (EEG) Short description: Learning how to recognize and describe epileptic seizure in children and adults and distinguish it from other non-epileptic manifestations Literature: Required and optional
III.	Title: Epilepsy treatment Short description: Learning about recommendation of appropriate therapy according to epileptic seizure type

	Literature: Required and optional
IV.	Title: Status epilepticus
	Short description: Learning how to appropriately diagnose all types of status epilepticus and how to manage patients with status epilepticus
	Literature: Required and optional
V.	Title: Social issues in patients with epilepsy
	Short description: Learning how to provide guidance on social issues for children and adults with epilepsy, including school integration, sports, sleep, work, driving, pregnancy and related aspects
	Literature: Required and optional