


University of Niš Faculty of Medicine	Study program: INTEGRATED ACADEMIC STUDIES OF MEDICINE <i>ACCREDITATION 2018</i>	
Course: Neurology		
Course head: Prof. dr Slobodan Vojinović		
Course status:	Required	
Semester: IX	Study year: V	
ECTS: 7	Course code: M-V-34	
Course purpose:		
Since the students have acquired basic knowledge in the CNS anatomy, physiology, pathophysiology, pathology, internal medicine, diagnosis, the course aims at the association of acquired knowledge with specific issues in neurology. Neurological reasoning is the principal goal to be achieved (anatomical and topographical localization of processes, clinical picture, diagnosis, basics of therapy, including the ethical and psychosocial dimensions).		
Course outcome: (knowledge, skills, attitudes)		
Students should be able to recognize most common neurological conditions, principally emergency conditions such as coma, cerebrovascular insults, epileptic conditions, brain traumas.		
No. of classes of active teaching: 90		
Lectures: 30	Practice: 60	
Course content		
<i>Theoretical teaching</i>		
Students are acquainted with general neurology – cranial nerve pathology, central and peripheral motor neuron, cerebellum, sensory systems, extrapyramidal system, higher cortical functions and diagnostic methods in neurology.		
After that, the focus shifts to the issues of special neurology – neurologic diseases of the cerebrovascular, peripheral, and muscular systems, epilepsy, brain and spinal cord tumors, degenerative, inflammatory and demyelinating diseases, extrapyramidal system diseases, peripheral nerve diseases and pediatric pathology.		
<i>Practical teaching</i>		
Practical teaching takes place at patient bedside, trying to demonstrate to the students all neurological disorders and diseases from the plan & program of practical teaching.		
Seminars		
	Seminar topics are formulated at the beginning of classes from the contents of practical teaching.	
Recommended literature:		
<ol style="list-style-type: none"> 1. Kostić V. (Urednik.) Neurologija za studente medicine, drugo izdanje, Medicinski fakultet, Beograd, 2016 2. Lević Z. Osnovi savremene neurologije Zavod za izdavanje udžbenika, Beograd, 2003. 3. Kostić V. (Gl. Ur.) Osnovi neurološkog pregleda, Medicinski fakultet, Beograd, 2011. 4. Nikolić M. Propedeutika i tehnika neurološkog pregleda, Med. knjiga Beograd-Zagreb, 1980. 		
Teaching methods:		
<ul style="list-style-type: none"> ▪ Theoretical teaching – lectures, one class per week, mostly video-aided. ▪ Practical teaching – in groups, with interesting cases and opportunities to practice neurologic examination technique. ▪ Simulation center: 1. Diagnosis of coma. 2. Motility disorders. 3. Epileptic seizures. 4. Gait disorders. ▪ Seminars – discussion of previously prepared student seminars ▪ Video presentation of gait abnormalities, epileptic seizures, motility disorders. ▪ Consultations – organized before each exam term after student request. ▪ Pre-exam practice – each first Tuesday in a month. 		
Required previously passed exams:		

Internal medicine
Grade (max. 100 points)
Pre-exam obligations
<ul style="list-style-type: none">▪ Attendance and activity at lectures: 0 – 5 points▪ Activity at practice classes: 5 – 20 points▪ Seminar papers: 0 – 5 points▪ Tests: 0 – 20 points
Final exam
<ul style="list-style-type: none">▪ Practical exam: 0 – 20 points▪ Oral exam: 0 – 30 points