

Study program : MEDICINE
Type and level of studies: Integrated academic studies, Level 1/2
<b>Course unit: NEUROLOGY</b>
<b>Teacher in charge : Professor GORDANA TONCEV, MD, MSc, PhD</b>
Language of instruction : ENGLISH
ECTS: 4
Prerequisites: Completed course in neurology
Semester: SUMMER SEMESTER
<b>Course unit objective: Acquiring knowledge and skills in neurology.</b>
<p><b>Learning outcomes of Course unit:</b></p> <ul style="list-style-type: none"> <li>- Knowledge about medical treatment of the most prevalent neurology disorders (e.g. cerebrovascular disease, epilepsy, multiple sclerosis, Parkinson´ disease, dementia, myasthenia gravis, polyneuropathies, headache, etc)</li> <li>- Knowledge about medical treatment and prophylaxis of the most prevalent neurologic disorders in population</li> <li>- Knowledge about clinically important adverse drug reactions and drug-drug interactions in neurology</li> <li>- Skills of patients neurological examination and clinical interview in neurology</li> <li>- Skills of making appropriate drug choices and tailoring dosage regimens according to the needs of patients</li> </ul>
<p><b>Course unit contents</b></p> <p><i>Theoretical classes</i></p> <p>Disorders of consciousness. Sleep disorders. Headaches. Dizziness. Epilepsy. Trauma of the nervous system. Pediatric neurology. Brain lobe syndromes. Cerebellar disease. Neurological complications of systemic diseases. Demyelinating diseases. Tumors of the central nervous system. Movement disorders. Myelopathies. Motor neuron diseases. Neuropathies. Myopathies. Diseases of the neuromuscular junction. Cerebrovascular diseases. Dementia.</p> <p><i>Practical classes</i></p> <p>Principles of patient neurological examination. Principles tailoring dosage regimens according to a patient´s needs. Dosing in children and elderly. Discovering potential drug-drug. Causal interpretation of adverse events.</p>
<p><b>Literature</b></p> <p>Daroff RB. Robert B. Bradley´s Neurology in clinical practice. 7<sup>th</sup> Edition, Elsevier, 2015.  Ropper Ah, Samuels MA. Adams and Victor´ Principal of neurology, 10<sup>th</sup> Edition. Mc Graw Hill education. 2019.</p>

<b>Number of active teaching hours</b>				<b>Other classes</b>
Lectures: 30	Practice: 15	Other forms of classes:	Independent work: 150	
<b>Teaching methods: Lectures, practice in a clinic, clinical problems solving</b>				
<b>Examination methods (maximum 100 points)</b>				
<b>Exam prerequisites</b>	<b>No. of points:</b>	<b>Final exam</b>	<b>No. of points:</b>	
Student's activity during lectures	<b>30</b>	oral examination	<b>70</b>	
practical classes/tests		written examination		
Seminars/homework				
Project				
Other				

<b>Grading system</b>		
<b>Grade</b>	<b>No. of points</b>	<b>Description</b>
<b>10</b>	<b>95-100</b>	<b>Excellent</b>
<b>9</b>	<b>85-94</b>	<b>Exceptionally good</b>
<b>8</b>	<b>75-84</b>	<b>Very good</b>
<b>7</b>	<b>65-74</b>	<b>Good</b>
<b>6</b>	<b>55-64</b>	<b>Passing</b>
<b>5</b>	<b>&lt; 54</b>	<b>Failing</b>

**Course unit description**