

Subject	Neurology with neurophysiology
Study programme	Three years educational studies for graduate speech and language therapist
Code	SL-213
Study year	Second
Semester	Third
Overall hours	70
Credits	4
Subject type	Mandatory
Conditions	Fullfilled condition for second year enrollment
Performs	Department of Neurology
Responsible teacher	Prof. d-r Sasho Stojchev
Address	Clinic of Neurology, street Vodnjanska 17, Skopje, tel. + 389 23 112 579 (Psychiatry), tel. + 389 2 147 333 (Neurology), e- mail:
Key words	Speech and language therapist studies, basic subjects, neurology, neurophysiology
Educational aims	To get acquainted with the clinical picture, diagnostic and therapeutic possibilities of the most frequent neurologic diseases, with special attention towards blood vessels, degenerative diseases and brain tumors, as well as the injuries and emotional disturbances
Short content	<p>Theoretical teaching (40 hours)</p> <ul style="list-style-type: none"> • Assesment of the patient with neurologic diseases (history of the disease, physical examination, diagnostic procedures) • Neurotransmission (neurophysiology) • Electrodiagnostic evaluation of peripheral nervous system • Pain • Cerebral lobe dysfunction (aphasia, apraxia, agnosia, amnesia) • Epilepsy • Cerebrovascular diseases • Brain tumors • Cranial nerves dysfunction • Movement disorder (tremor, dyskinesia, M. Parkinsoni, cerebellar and spinocerebellar disorders) • Multiple sclerosis • Impairment and diseases of the spinal cord • Impairment and diseases of the peripheral nervous system and motor neurons • Muscle impairment and diseases <p>Practical teaching (30 hours)</p> <ul style="list-style-type: none"> • Practical assessment of the patients with neurological diseases and demonstration of the methods for neurologic and neurophysiologic diagnosis
Organization	Theoretical teaching: 40 hours Practical teaching: 30 hours
Learning methods	Theoretical and practical lessons
Predicted learning results	Knowledge and understanding:

	<p>The student will acquire knowledge and understanding of the most frequent health problems of the neurologic patients</p> <p>Key skills: The student will be able to apply in practice the acquired theoretical knowledge</p>												
<p>Specific teaching recommendations</p>	<p>The student is obliged to actively follow all predicted activities, including participation in the continuous knowledge testing, in order to get a signature.</p> <p>Student's activity points</p> <table border="1" data-bbox="555 595 1420 981"> <thead> <tr> <th data-bbox="555 595 986 658">Activity type</th> <th data-bbox="986 595 1420 658">Points</th> </tr> </thead> <tbody> <tr> <td data-bbox="555 658 986 721">Theoretical lessons*</td> <td data-bbox="986 658 1420 721">7.5-12</td> </tr> <tr> <td data-bbox="555 721 986 784">Practical lessons**</td> <td data-bbox="986 721 1420 784">15-30</td> </tr> <tr> <td data-bbox="555 784 986 846">Continuous check-outs-2</td> <td data-bbox="986 784 1420 846">30-46</td> </tr> <tr> <td data-bbox="555 846 986 909">Practical exam</td> <td data-bbox="986 846 1420 909">7.5-12</td> </tr> <tr> <td data-bbox="555 909 986 981">Overall:</td> <td data-bbox="986 909 1420 981">60-100</td> </tr> </tbody> </table> <p>*Presence during theoretical lessons 51%-60% - 7,5 points 61%-70% - 8 points 71%-80% - 9 points 81%-90% - 10 points 91%-100% -12 points</p> <p>**practical lessons:every lessons gives 1 pont (30 lessons): Presence – 0.5 points Activity during practical lesson- 0.5 points</p> <p>Qualifying criteria: The student is required to regularly attend theoretical and practical lessons and to be subjected to regular check-ups. The knowledge check-ups are either written and/or practical. The practical part of the examination is consisted of check ups of the practical knowledge. The final grade is given according to the table of grades, and according to the points sum obtain by all activities, including continuous check-ups and practical part of the examination. The student is obliged to obtain minimum points (60%) from continuous check ups and practical exams, otherwise, appears for complete final exam.</p> <p>Complete final exam: The exam is written and/or practical. It consists of continuous check-ups and/or practical part of the exam where the student has not obtained minimum points.</p>	Activity type	Points	Theoretical lessons*	7.5-12	Practical lessons**	15-30	Continuous check-outs-2	30-46	Practical exam	7.5-12	Overall:	60-100
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<p>Educational supplies</p>	<p>Basic</p> <ul style="list-style-type: none"> • Authorized lectures by the Department of Neurology 												