





Distance learning (asynchronous)					7,5										
Summer Semester															
Direct (contact) education															
Online learning (synchronous)															
Online learning (asynchronous)															
TOTAL per year:															
Direct (contact) education					7,5										
Online learning (synchronous)					7,5										
Online learning (asynchronous)															
Educational objectives (max. 6 items)															
1). Getting students familiar with methodology of neurological examination, diagnostic procedures in central and peripheral nervous system diseases.															
2). Getting students familiar with different groups of neurological disorders and therapeutic possibilities according to the newest scientific data.															
3). Practical application of the theoretical knowledge															
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class															
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to				Methods of verification of intended education results (forming and summarising)				Form of didactic class <i>**enter the abbreviation</i>					
<b>W1</b>	<b>EW1</b>	understands connections between morphological changes and functions of impaired organs and systems, possibilities of treatment				Oral credit				CC					
<b>W 2</b>	<b>E.W2</b>	knows general methods of patient's examination, knows the role of diagnostic procedures in diagnosis, monitoring and profilaxis of systemic and organ disorders				Oral credit				CC					



<b>W3</b>	<b>E.W6</b>	knows the neurological results of chronic medications' intake	Oral credit	CC
<b>W 4</b>	<b>E.W18</b>	knows the life-threatening conditions	Oral credit	CC
<b>W5</b>	<b>E.W20</b>	Knows situations requiring referral to hospital	Oral credit	CC
<b>U</b>	<b>E.U10</b>	recognize symptoms of head injuries, vascular disorders, dementias and consciousness impairment, interpret results of diagnostic procedures,	Oral credit	CC
<b>U2</b>	<b>E.U11</b>	diagnose headaches and facial pains, neurological disorders of adults and children important in dentistry practice, plan the diagnostic procedures	Oral credit	CC
<b>U3</b>	<b>EU17</b>	recognition the addiction to alcohol, smoking, etc.	Oral credit	CC
<b>K01</b>		student takes active part in the diagnostic and therapeutic processes	Oral credit	CC

\*\* L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories:

communication of knowledge, skills or forming attitudes:

Knowledge: 5

Skills: 5

Social competences: 5

**Student's amount of work (balance of ECTS points)**

**Student's workload**

(class participation, activity, preparation, etc.)

**Student Workload (h)**

1. Contact hours:

7.5

2. Online learning hours (e-learning):

7.5

3. Student's own work (self-study):

15

Total student's workload

30



ECTS points for module/course	1
Comments	
<b>Content of classes</b> (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)	
<b>Lectures</b> 1. 2. 3.	
<b>Seminars</b> 1. 2. 3.	
<b>Practical classes</b> 1. Neurological examination and interpretation 2. Vascular diseases of CNS. 3. CNS infections 4. Epilepsy 5. Multiple sclerosis 6. Neurodegenerative disorders: Parkinson disease, Alzheimer disease 7. Peripheral nerve disorders: polyneuropathy, motor neuron disease 8. Muscle disorders (myopathy) and neuromuscular junction disorders (myasthenia gravis)	
<b>Other</b> 1. 2. 3. <i>etc. ...</i>	
<b>Basic literature</b> (list according to importance, no more than 3 items)  1. Fuller G. Neurological Examination Made Easy, Elsevier 2019  2. Hao-Hua Wu, Leo Wang.: Gunner Goggles Neurology, 1st Edition, Elsevier 2018  3. Weiner H. L., Levitt L. P.: Neurology, William and Wilkins, 2008,  <b>Additional literature and other materials</b> (no more than 3 items) 1 Hankey G.J., Wardlaw J.H.: Clinical Neurology. Blackwell Publishing, Manson Publishing 2002	
<b>Didactic resources requirements</b> (e.g. laboratory, multimedia projector, other...) Computer, multimedia projector	



<p><b>Preliminary conditions</b> (minimum requirements to be met by the student before starting the module/course)</p> <p>Credits for previous subjects</p>
<p><b>Conditions to receive credit for the course</b> (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)</p> <p>Participation in all classes (100%), credit for the classes in the form of the oral answer. Each absence could be made up for the whole academic year during classes, and the teachers' duties.</p>

<b>Grade:</b>	<b>Criteria</b> (only for courses/modules ending with an examination)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	
	<b>Criteria</b> (only for courses/modules ending with e credit)
Credit	Participation in all classes, credit for the classes in the form of the oral answer based on the presentation

<b>Grade:</b>	<b>Criteria</b> (examination evaluation criteria)
Very Good (5.0)	
Good Plus (4.5)	



Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	
Unit realizing the subject	Department of Neurology
Unit address	Borowska 213, 50-556 Wrocław
Telephone	71 734 31 00
E-Mail	slawomir.budrewicz@umed.wroc.pl

Person responsible for module	
Coordinator	dr hab. Sławomir Budrewicz, Prof. UM
Telephone	71 734 31 00
E-Mail	slawomir.budrewicz@umed.wroc.pl

<b>List of persons conducting specific classes</b>				
<b>Full name</b>	<b>Degree/scientific or professional title</b>	<b>Discipline</b>	<b>Performed profession</b>	<b>Form of classes</b>
<b>Anna Pokryszko-Dragan</b>	MD, PhD, post-doctoral	neurology	physician	Lectures, clinical classes
<b>Magdalena Koszewicz</b>	MD, PhD, post-doctoral	neurology	physician	Lectures, clinical classes
<b>Marta Nowakowska-Kotas</b>	MD, PhD	neurology	physician	Lectures, clinical classes
<b>Mieszko Zagrajek</b>	MD, PhD	neurology	physician	Lectures, clinical classes
<b>Ewa Kozirowska-Gawron</b>	MD, PhD	neurology	physician	Lectures, clinical classes
<b>Justyna Chojdak-Lukasiewicz</b>	MD, PhD	neurology	physician	Lectures, clinical classes
<b>Justyna Oziom</b>	Graduate student	neurology	physician	Clinical classes
<b>Jakub Ubysz</b>	Graduate student	neurology	physician	clinical classes
<b>Paulina Papier</b>	Graduate student	neurology	physician	Clinical classes

**Date of Syllabus development**

10.05.2020/ correction 21.09.20202

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**Syllabus developed by**

Magdalena Koszewicz



**Signature of Head of teaching unit**

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**Signature of Faculty Dean**

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