



## Neurology

<b>1. IMPRINT</b>	
<b>Academic Year</b>	2023/2024
<b>Department</b>	Faculty of Medicine and Dentistry
<b>Field of study</b>	English Dentistry Division
<b>Main scientific discipline</b>	Medical science
<b>Study Profile</b>	General academic
<b>Level of studies</b>	Uniform MSc
<b>Form of studies</b>	5-years full time studies
<b>Type of module / course</b>	Obligatory
<b>Form of verification of learning outcomes</b>	Department of Child Neurology, Warsaw Medical University, Al. Żwirki i Wigury 63a, 02-091 Warsaw phone: 223179681
<b>Educational Unit / Educational Units</b>	Dr hab. n. med. Krystyna Szymańska; krystyna.szymanska@wum.edu.pl

<b>Head of Educational Unit / Heads of Educational Units</b>	Dr hab. n. med. Krystyna Szymańska
<b>Course coordinator</b>	Dr n. med. Małgorzata Bilka; malgorzata.bilka@wum.edu.pl
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<b>Teachers</b>	Dr hab. n. med. Krystyna Szymańska; krystyna.szymanska@wum.edu.pl Dr n. med. Małgorzata Bilka, malgorzata.bilka@wum.edu.pl Dr n. med. Elżbieta Sołowiej, elzbieta.solowiej@wum.edu.pl

## 2. BASIC INFORMATION

<b>Year and semester of studies</b>	year III, semester V	<b>Number of ECTS credits</b>	1
<b>FORMS OF CLASSES</b>		<b>Number of hours</b>	<b>ECTS credits calculation</b>
<b>Contacting hours with academic teacher</b>			
Lecture (L)		-	-
Seminar (S)		5	0,2
Discussions (D)		10	0,4
e-learning (e-L)			
Practical classes (PC)			
Work placement (WP)			
Preparation for classes and completions		15	0,4

## 3. COURSE OBJECTIVES

O1	Students will achieve basic knowledge and skills in the field of neurology.
O2	Students will achieve basic knowledge about symptomatology of diseases most relevant to a dentist: pathologies of the cranial nerves, muscle diseases, epilepsy and mental retardation.
O3	Students will achieve basic knowledge about diagnostic methods and treatment carried out in patients with neurological disorders.

#### 4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING

Code and number of effect of learning in accordance with standards of learning	Effects in time
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**Knowledge – Graduate\* knows and understands:**

A.W1.	development of organs and the whole organism, with particular emphasis on the masticatory system
A.W 3.	structure of the human body in topographic and functional approach
A.W 4.	role of the nervous system in the functioning of individual organs

**Skills– Graduate\* is able to:**

E.U1.	conduct differential diagnosis of the most common diseases
E.U2.	assess and describes the patient's somatic and mental state
F.U1.	collect patient's anamnesis
F.U2.	carry out a physical examination
G.U20.	work in accordance with ergonomic working principles
G.U25.	explain and apply the norms contained in the Code of Medical Ethics and international standards of medical ethics

#### 5. ADDITIONAL EFFECTS OF LEARNING

Number of effect of learning	Effects of learning in time
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**Knowledge – Graduate knows and understands:**

K1	-
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**Skills– Graduate is able to:**

S1	-
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**Social Competencies – Graduate is ready for:**

SC1	-
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<b>6. CLASSES</b>		
<b>Form of class</b>	<b>Class contents</b>	<b>Effects of Learning</b>
Lectures	-	-
Seminars	<p>S1 – Seminar 1 - Information about organization of classes, required textbooks, rules and deadlines for receiving credit. Information about evaluating the right student attitude. Basic neurological signs and symptoms</p> <p>S2 - Seminar 2 - Epilepsy - principles of diagnosis and treatment</p> <p>S3 - Seminar 3 - Disorders of the peripheral nerves and muscles: principles of diagnosis and treatment</p> <p>S4 - Seminar 4 - Neurodegenerative and demyelinating disorders: principles of diagnosis and treatment</p> <p>S5 - Seminar 5 - Headaches and facial pains. Neurovascular disorders: symptoms, causes and principles of treatment</p>	<p>A.W2., A.W3., G.U25.</p> <p>E.U1.</p> <p>A.W3.</p> <p>E.U1.</p> <p>E.U2.</p>
Practical trainings	<p>PT 1 - Practical training 1 - Neurological examination of a child and an adult. Disturbance of awakens and consciousness: signs and management</p> <p>PT 2 - Practical training 2- Cerebral palsy. Hydrocephalus: Principles of diagnosis and treatment. Epilepsy: Principles of diagnosis and treatment of epileptic seizures.</p> <p>PT 3 - Practical training 3 - The most commonly used diagnostic procedures in neurology: indications, performance and interpretation</p> <p>PT 4 - Practical training 4 - Inflammatory and demyelinating disorders of the nervous system</p> <p>PT 5 - Practical training 5 - Tumors of the nervous system: signs, proceedings. Diseases of the vertebral column and the spine</p>	<p>F.U1.</p> <p>E.U1.</p> <p>E.U1.</p> <p>E.U1.</p> <p>E.U1.</p>

<b>7. LITERATURE</b>
<b>Obligatory</b>
<ol style="list-style-type: none"> <li>1. Elan D. Louis, Lewis P. Rowland, Stephan A. Mayer” Merritt's Neurology”13th Edition 2016, Wolters Kluwer Health Lippincott Williams &amp; Wilkins</li> <li>2. Józwiak S, Michałowicz R. Neurologia dziecięca w praktyce. Wyd. BiFolium, 2001</li> </ol>
<b>Supplementary</b>
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## 8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
A.W2., A.W3., A.W4., E.U1., E.U2., F.U1., G.U20., G.U25.	Written test: single-choice open questions	At least 60% of correct answers

## 9. ADDITIONAL INFORMATION

1. Active participation in seminars and classes is a prerequisite for obtaining credit.
2. The course is completed by obtaining a positive result in the final exam. Passing a course in the case of absence on the exam date or in the absence of a positive result allows the resit exam.
3. The student leaves his outer coats in the cloakroom.
4. It is obligatory to change into a doctor's coat and change shoes.

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### ATTENTION

The final 10 minutes of the last class in the block/semester/year should be allocated to students'  
Survey of Evaluation of Classes and Academic Teachers