

**12048-3-B****ECTS: 6****YEAR: 2016Z****COURSE CONTENT  
CLASSES**

Subjects of exercises correlate with topics of seminars. The aim of the exercises is to acquire skills and techniques of neurological examination and the development of knowledge in the neurological units acquired at seminars.

**LECTURES**

1. Introduction to neurology 2. Inflammatory and demyelinating diseases of the central nervous system 3. Ischemic and hemorrhagic strokes 4. Diseases of the peripheral nervous system part 1 (motoneuron, nerve roots, peripheral nerves, neuromuscular junction, muscle) 5. Diseases of the peripheral nervous system part 2 (motoneuron, nerve roots, peripheral nerves, neuromuscular junction, muscle) 1 Epilepsia 2 Diseases dementia 3 extrapyramidal disease and other movement disorders 4 cranial nerve diseases 5 Review of case reports the most important issues in neurology clinical

**EDUCATIONAL OBJECTIVE:**

The aim of the course is to provide knowledge about neurologic diseases

**DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR  
LEARNING OUTCOMES**

Codes of learning outcomes in a major field  
of study:

Codes of learning outcomes in a major area  
of study: E.U1. +, E.U13. +, E.U14. +, E.U15. +, E.U3. +, E.U7. +, E.W13.  
+, E.W14. +, F.W10. +, F.W13. +, F.W15. +, K.4. +,

**LEARNING OUTCOMES:****Knowledge**

W1 - knows and distinguishes basic neurological syndromes

W2 - knows and understands the causes, symptoms, principles of diagnosing and therapeutic approach to the most common diseases of the nervous system

W3 - knows the issues of contemporary used neuroimaging examination

W4 - knows and understands the causes, symptoms, diagnosis and therapeutic approach of the most common diseases of the central nervous system

W5 - knows the rules of suspicion and diagnosis of brain death

**Skills**

U1 - carries a medical interview with the patient

U2 - performs complete and targeted physical examination of adult patient

U3 - evaluates the general condition of consciousness and awareness of patient

U4 - evaluates and describes somatic and mental state of the patient

U5 - recognizes life threatening condition

U6 - recognizes the state of influence of alcohol, drugs and other drugs

**Social competence**

K1 - The student is aware of his own limitations and the ability to lifelong learning.

**BASIC LITERATURE**

1) Mumenthaler, H. Matte, 2011r., "Neurologia", wyd. U&P, 2) Liberski, Kozubski, 2006r., "Neurologia", wyd. PZWL, 3) Prusiński, 2007r., "Neurologia praktyczna", wyd. PZWL, 4) Fuller, Turaj, 2009r., "Badanie Neurologiczne, Seria To proste", wyd. U&P.

**SUPPLEMENTARY LITERATURE****Course/module:**

Neurology

**Fields of education:**

Obszar nauk medycznych, nauk o zdrowiu i nauk o kulturze fizycznej

**Course status:** mandatory

**Course group:** B - major course

**ECTS code:** 12048-3-B

**Field of study:** Medicine

**Specialty area:** Medicine

**Educational profile:** Practical

**Form of study:** full-time

**Level of study:** uniform master's studies

**Year/semester:** 4 / 7

**Type of course:**

Classes, Seminar, Lecture

**Number of hours per semester/week:** Classes: 50,  
Seminar: 20, Lecture: 20

**Teaching forms and methods**

Classes(K1, U1, U2, U3, U4, U5, U6) :  
Practical classes - Classes are held in the thematic blocks at clinical departments,  
Seminar(W1, W2, W3, W4, W5) : Multimedia presentation and discussion., Lecture(W1, W2, W3, W4, W5) : Multimedia presentation and discussion.

**Form and terms of the verification results:**

CLASSES: Oral test - null(K1, U1, U2, U3, U4, U5, U6, W1, W2, W3, W4, W5) ;  
SEMINAR: Oral exam - null(K1, U1, U2, U3, U4, U5, U6, W1, W2, W3, W4, W5) ;  
SEMINAR: Colloquium test - Student must be prepared for seminars lessons also; The method to check it is short pre-test (10 minutes) which includes simple questions (3-5) from realizing subject. Test is written by student before starting seminary. Graded credit - oral or written.(U1, U2, U3, U4, U5, U6, W1, W2, W3, W4, W5) ;  
LECTURE: Colloquium practical - null(K1, U1, U2, U3, U4, U5, U6, W1, W2, W3, W4, W5) ;  
LECTURE: Written exam - Practical and written examination. Written exam (multiple-choice test) - is performed the practical exam and includes 30 questions multiple choice. The condition Assessment is getting low. 60% of normal reply(U1, U2, U3, U4, U5, U6, W1, W2, W3, W4, W5)

**Number of ECTS points:** 6

**Language of instruction:**

**Introductory courses:**

anatomy, physiology, pathophysiology

**Preliminary requirements:**

Knowledge of anatomy, physiology and pathophysiology

**Name of the organizational unit offering the course:**

Katedra Neurologii i Neurochirurgii,

**Person in charge of the course:**

dr hab. med. Adam Czapliński, prof. UWM

**Course coordinators:**

lek. med. Zbigniew Cebulski, , lek. med. Łukasz Grabarczyk, , dr med. Jacek Zwiernik, , dr med. Beata Zwiernik, , dr med.

Tomasz Siwek, , lek. med. Mariusz Sowa, ,  
lek. med. Marta Nobis, , dr med. Monika  
Barczewska, , dr hab. med. Adam Czapliński,  
prof. UWM

**Notes:**

## Detailed description of the awarded ECTS points - part B

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**ECTS: 6**  
**YEAR: 2016Z**

### NEUROLOGY NEUROLOGY

The awarded number of ECTS points is composed of:

#### 1. Contact hours with the academic teacher:

- participation in: classes	50 h.
- participation in: seminar	20 h.
- participation in: lecture	20 h.
- consultation	5 h.
	95 h.

#### 2. Student's independent work:

0 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 95 h : 25 h/ECTS = 3,80 ECTS  
on average: **6 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	3,80 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	2,20 ECTS points,