

**Field of study:****Psychology****Subject: Neuropsychology**

Level of study: undergraduate studies

System of study: Full-time

Profile of studies: general academic

Subject: Neuropsychology

**Form of classes and the ECTS points**

	Number of hours	ECTS points	Credit
lectures	30		exam
Total	30	4	

**Aims of teaching**

To familiarise students with the structure and functioning of the human nervous system as well as brain damage. The course will take a closer look into the history of brain research, modern neuropsychological theories. Altogether, the lectures aim to understand the relationship between cognitive processes and brain damage and behaviour.

## Intended learning outcomes

KNOWLEDGE		
SYMBOL	DESCRIPTION	REFERENCE TO THE PROFILE OUTCOME
P_W1	The student knows the structure and function of the human nervous system.	Ps_WG05_Lic Ps_WG06_Lic
P_W2	The student will acquire knowledge about the different techniques used to study the human nervous system.	Ps_WG04_Lic Ps_WG10_Lic
P_W3	The student will understand how behaviour might be affected after brain damage.	Ps_WG02_Lic Ps_WG11_Lic
SKILLS		
SYMBOL	DESCRIPTION	REFERENCE TO THE PROFILE OUTCOME
P_U1	The student will be able to name the different areas of the human nervous system.	Ps_UW03_Lic
P_U2	Student is able to link specific areas of the brain to the different mental processes.	Ps_UW05_Lic
P_U3	The student understands and interprets behavioural changes and can connect them with mental processes and use their knowledge for other people	Ps_UW02_Lic Ps_UW03_Lic Ps_UW05_Lic
P_U4	The student is open to cooperation with specialists from other disciplines.	Ps_UW01_Lic
P_U5	The student is able to differentiate methods for studying the human nervous system.	Ps_UW02_Lic
SOCIAL COMPETENCES		
SYMBOL	DESCRIPTION	REFERENCE TO THE PROFILE OUTCOME
P_K1	The student is open to cooperate with other specialists from other disciplines.	Ps_KK03_Lic
P_K2	The student is aware of the importance of the previous research showing the relationship between the brain, mental processes and behaviour.	Ps_KK01_Lic Ps_KK02_Lic Ps_KK03_Lic
P_K3	The student is able to assess the results of research conducted within neuropsychology.	Ps_KK02_Lic

## Course content

NUMBER	DESCRIPTION	FORM OF CLASSES	NUMBER OF HOURS
1	A historical introduction to Neuropsychology.	lectures	2 / 2
2	The Cerebral Nervous System	lectures	2 / 2
3	The Structure and Electrical Activity of Neurons	lectures	2 / 2
4	Sensory and Motor Systems	lectures	2 / 2
5	Principles of Neurocortical Function	lectures	2 / 2
6	Cerebral Asymmetry	lectures	2 / 2
7	Brain Anatomy I: The Occipital Lobes	lectures	2 / 2
8	Brain Anatomy II: The Parietal Lobes	lectures	2 / 2
9	Brain Anatomy III: The Temporal Lobes	lectures	2 / 2
10	Brain Anatomy IV: The Frontal Lobes	lectures	2 / 2
11	High Order Functions I: Learning and Memory	lectures	2 / 2
12	High Order Functions II: Language	lectures	2 / 2
13	High Order Functions III: Emotion and the Social Brain	lectures	2 / 2
14	High Order Functions IV: Spatial Behaviour	lectures	2 / 2
15	High Order Functions V: Attention and Consciousness	lectures	2 / 2

## Conditions of completion

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### LECTURES

TYPE OF CREDIT	CREDIT INFLUENCE (IN %)
Exam (for the lecturers only)	100

## Teaching methods

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- multimedia presentations
- lectures with discussions

## Reading (compulsory)

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- Brian Kolb & Ian Whishaw. Fundamentals of Human Neuropsychology 2015

## Reading (additional)

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- Jamie Ward. The Student's Guide to Cognitive Neuroscience 2015

## Odniesienie efektów przedmiotowych do efektów kierunkowych, treści kształcenia, metod weryfikacji

SYMBOL	REFERENCE OF A GIVEN OUTCOME TO THE PROFILE OUTCOME	REFERENCE OF A GIVEN OUTCOME TO THE COURSE CONTENT	REFERENCE OF A GIVEN OUTCOME TO THE VERIFICATION METHODS
<b>KNOWLEDGE</b>			
P_W1	Ps_WG05_Lic Ps_WG06_Lic	3 4 5 6 7 8 9 10	final exam Activity during the lectures and exercises
P_W2	Ps_WG04_Lic Ps_WG10_Lic	6 7 8 9 10	Activity during the lectures and exercises final exam
P_W3	Ps_WG02_Lic Ps_WG11_Lic	1 4 5 6 7 8 9 10	Activity during the lectures and exercises final exam
SYMBOL	REFERENCE OF A GIVEN OUTCOME TO THE PROFILE OUTCOME	REFERENCE OF A GIVEN OUTCOME TO THE COURSE CONTENT	REFERENCE OF A GIVEN OUTCOME TO THE VERIFICATION METHODS
<b>SKILLS</b>			
P_U1	Ps_UW03_Lic	2 3 4 5 7 8 9 10	Activity during the lectures and exercises final exam
P_U2	Ps_UW05_Lic	4 5 6 7 8 9 10	Activity during the lectures and exercises final exam
P_U3	Ps_UW02_Lic Ps_UW03_Lic Ps_UW05_Lic	6 7 8 9 10 11 12 13 14 15	Activity during the lectures and exercises final exam

SYMBOL	REFERENCE OF A GIVEN OUTCOME TO THE PROFILE OUTCOME	REFERENCE OF A GIVEN OUTCOME TO THE COURSE CONTENT	REFERENCE OF A GIVEN OUTCOME TO THE VERIFICATION METHODS
<b>SKILLS</b>			
P_U4	Ps_UW01_Lic	11 12 13 14 15	Activity during the lectures and exercises final exam
P_U5	Ps_UW02_Lic		Activity during the lectures and exercises final exam
SYMBOL	REFERENCE OF A GIVEN OUTCOME TO THE PROFILE OUTCOME	REFERENCE OF A GIVEN OUTCOME TO THE COURSE CONTENT	REFERENCE OF A GIVEN OUTCOME TO THE VERIFICATION METHODS
<b>SOCIAL COMPETENCES</b>			
P_K1	Ps_KK03_Lic	11 12 13 14 15	Activity during the lectures and exercises final exam
P_K2	Ps_KK01_Lic Ps_KK02_Lic Ps_KK03_Lic	1 11 12 13 14 15	Activity during the lectures and exercises final exam
P_K3	Ps_KK02_Lic	11 12 13 14 15	Activity during the lectures and exercises final exam