

**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

LECTURES

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

Teaching methods

- multimedia presentations
- lectures with discussions

Reading (compulsory)

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

Reading (additional)

- 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
KNOWLEDGE			
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
SKILLS			
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
SKILLS			
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
SOCIAL COMPETENCES			
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