

1.	Field of study	Cognitive Science
2.	Faculty	Faculty of Humanities
3.	Academic year of entry	2019/2020 (winter term), 2020/2021 (winter term)
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

Code of the learning outcome of the programme	Learning outcomes The graduate:	Codes of the second-order PRK characteristics to which the learning outcome of the programme is related
KNOWLEDGE		
KO2_W01	The graduate has knowledge of developmental trends and the most important cognitive paradigms in terms of conducted research.	2018_P7S_WG
KO2_W02	The graduate knows philosophical traditions that are important for research on the problems of cognition derived from methodology, epistemology, ethics, aesthetics, logic, and other subdisciplines of philosophy.	2018_P7S_WG
KO2_W03	The graduate knows the assumptions and methods of describing the most important problems of cognitive science; can propose functional analysis of the problem, indicate possible calculation methods and present strategies for possible solutions within the framework of cognitive subdisciplines.	2018_P7S_WG
KO2_W04	The graduate understands the challenges and theoretical problems of the artificial intelligence project and knows the areas of its application.	2018_P7S_WG
KO2_W05	The graduate has knowledge of the research trends in cognitive science with particular attention given to the latest research related to empirical sciences.	2018_P7S_WG
KO2_W06	The graduate knows the terminology used in individual cognitive subdisciplines, both Polish and English, and is able to properly use concepts from disciplines that contribute to cognitive science.	2018_P7S_WG
KO2_W07	The graduate understands the issue of explanatory pluralism in cognitive science and can use different ways of explanation.	2018_P7S_WG
KO2_W08	The graduate knows the problems and dilemmas associated with the directions and prospects for the development of cognitive research.	2018_P7S_WK
KO2_W09	The graduate knows the relationships of cognitive science with other scientific disciplines, and in one of the selected problem-related areas (modules) of cognitive science has a wide knowledge of these relationships.	2018_P7S_WK
KO2_W10	The graduate understands the scientific, social and cultural context of the emergence and transformation of cognitive approaches.	2018_P7S_WK
KO2_W11	The graduate knows the application of cognitive concepts in the sphere of science, culture and politics; understands the relationship between these spheres and cognitive science.	2018_P7S_WK
KO2_W12	The graduate knows the roles of interdisciplinary research on the human cognitive system, both in the context of biology as well as society and culture.	2018_P7S_WK
KO2_W13	The graduate is familiar with the regulations for the publication of a scientific text, including rules related to intellectual property protection and copyright.	2018_P7S_WK
KO2_W14	The graduate is familiar with the neurobiological mechanisms of mental functions and cognitive processes and their conditioning.	2018_P7S_WG
KO2_W15	The graduate knows the evolutionary and anthropological conditioning of mental functions and cognitive processes.	2018_P7S_WG
KO2_W16	The graduate knows and understands the practical aspects of the relationship between cognitive processes and human development, education and upbringing.	2018_P7S_WG
KO2_W17	The graduate is familiar with the methods and trends of neurocognitive research as well as model experiments and tests used in cognitive science and neuroscience.	2018_P7S_WG

KO2_W18	The graduate knows the concepts of algorithmics and programming methodology in the selected programming language.	2018_P7S_WG
KO2_W19	The graduate knows the latest paradigms and theories in the field of cognitive and social psychology, and has knowledge of the principles of effective combination of paradigms in solving specific practical issues.	2018_P7S_WG
KO2_W20	The graduate knows and understands the role of language research in cognitive studies and the relationship between language and cognitive processes.	2018_P7S_WG
KO2_W21	The graduate has knowledge of the structure and methods of formal sciences. The graduate knows and understands the methodological specificity of these sciences; the graduate has knowledge of the most important parts of mathematics that are applicable in cognitive science.	2018_P7S_WG
SKILLS		
KO2_U01	The graduate knows how to recognize and report a research problem, positioning it in the context of philosophical issues and confront its possible solutions, coming from different disciplines, co-creating cognitive science.	2018_P7S_UW
KO2_U02	The graduate can address the problems of cognitive science to important issues of social life, ethical and economic challenges.	2018_P7S_UW
KO2_U03	The graduate can collect, select and integrate information from different cognitive disciplines and use this information to analyse problems in terms of cognitive science.	2018_P7S_UW
KO2_U04	The graduate can critically solve known problems, see alternative concepts, and propose and test their own hypotheses.	2018_P7S_UW
KO2_U05	The graduate knows how to acquire knowledge and seek solutions in cognitive sciences to analyse phenomena, e.g. in social life, education, culture and art or economy.	2018_P7S_UW
KO2_U06	The graduate can refer philosophical concepts of the mind and indicate their elements as well as the problems and issues associated with them in models proposed by other cognitive subdisciplines and refer them to the challenges of modern civilization.	2018_P7S_UW
KO2_U07	The graduate can participate in scientific communication, writing, editing and reviewing scientific texts, including participation in discussions with specialists in cognitive science as well as refer problems in an understandable and clear manner for non-cognitive scientists.	2018_P7S_UK
KO2_U08	The graduate knows how to select and present arguments in Polish and English regarding the selected problem; the graduate considers the arguments in the context of contemporary discussions, the latest research results and their own investigations.	2018_P7S_UK
KO2_U09	The graduate communicates in a foreign language, using communication language competences at an advanced level and has the ability to read with comprehension of complex scientific texts and an in-depth ability to prepare various written works (including research studies) and oral presentations on specific issues in the field of cognitive science in a foreign language.	2018_P7S_WK
KO2_U10	The graduate can take part in the work of the research team, as well as plan the research of such a team.	2018_P7S_UO
KO2_U11	Knowing the extent of their own knowledge and skills, the graduate can plan and realize their lifelong learning and direct others in this regard.	2018_P7S_UU
KO2_U12	The graduate can interpret cognitive processes in terms of neurobiology and search, critically evaluate and apply natural knowledge in discussion and research.	2018_P7S_UW
KO2_U13	The graduate interprets human behaviour and cognitive processes in terms of evolutionism and anthropology.	2018_P7S_UW
KO2_U14	The graduate uses knowledge of cognitive processes for interpretation and practical activities related to human education and education.	2018_P7S_UW
KO2_U15	The graduate knows how to apply knowledge from different parts of cognitive science to plan and conduct experiments and research tests.	2018_P7S_UO, 2018_P7S_UW
KO2_U16	Using available IT tools, the graduate can implement/use artificial intelligence algorithms.	2018_P7S_UW
KO2_U17	The graduate has the ability to implement the software in the selected programming language.	2018_P7S_UW
KO2_U18	The graduate can critically analyse the results of psychological studies and confront them with the findings of other disciplines of knowledge.	2018_P7S_UW
KO2_U19	The graduate can determine whether a cognitive problem is related to linguistic issues and possibly provide an analysis of cognitive issues in linguistic terms.	2018_P7S_UW
KO2_U20	The graduate knows how to use a mathematical apparatus in analysing problems, constructing conceptual models and describing cognitive issues.	2018_P7S_UW
SOCIAL COMPETENCES		
KO2_K01	The graduate is characterized by openness to new ideas and research trends in cognitive science.	2018_P7S_KK

KO2_K02	By following the latest developments and research results in cognitive and related disciplines, the graduate develops the ability to critically evaluate information.	2018_P7S_KK
KO2_K03	The graduate is ready to change their opinion in the light of the available data and arguments.	2018_P7S_KK
KO2_K04	The graduate develops organizational competence in terms of planning their own and group activities taking into account the highest ethical standards.	2018_P7S_KO
KO2_K05	The graduate is aware of the need to develop their own abilities, understanding the need to systematically expand their interdisciplinary knowledge and skills by participating in scientific life.	2018_P7S_KO
KO2_K06	The graduate is ready to take action to popularize cognitive science and disseminate its achievements.	2018_P7S_KR
KO2_K07	The graduate is ready to develop achievements of cognitive science and work in favour of following ethical principles.	2018_P7S_KR
KO2_K08	The graduate respects the intellectual work of others, respects copyright and protects intellectual property.	2018_P7S_KR