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	first-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	
KO1_W01	The graduate has a basic knowledge of the position and importance of cognitive science, its subdisciplines and related disciplines in relation to science and their history, the subject-related and methodological specificity as well as the role in shaping culture.	2018_P6S_WG, 2018_P6S_WK
KO1_W02	The graduate knows the basic cognitive or specialized terminology in the field of cognitive subdisciplines in Polish or in a foreign language.	2018_P6S_WG
KO1_W03	The graduate has a structured knowledge and understands the main directions within the blocks of philosophical subdisciplines: 1) logic, metaphysics, epistemology, philosophy of mind or 2) ethics, philosophy of politics, social philosophy or 3) aesthetics, philosophy of culture, anthropology.	2018_P6S_WG
KO1_W04	The graduate knows the basic research methods and argumentation strategies specific to one of the blocks of major philosophical subdisciplines: 1) logic, metaphysics, epistemology, philosophy, 2) ethics, philosophy of politics, social philosophy, 3) aesthetics, philosophy of culture.	2018_P6S_WG
KO1_W05	The graduate has a basic knowledge of arithmetics and binary logic, translation of arithmetic expressions, automata theory, Reverse Notation algorithms and a symbolic language.	2018_P6S_WG
KO1_W06	The graduate has a basic knowledge of office applications, programming or distance education.	2018_P6S_WG, 2018_P6S_WK
KO1_W07	The graduate knows the basic principles of programming in the selected language, the basic concepts and principles of processing, protection of intellectual property and copyright.	2018_P6S_WG, 2018_P6S_WK
KO1_W08	The graduate knows the basic concepts of neural networks, genetic algorithms and export systems; is familiar with artificial intelligence research techniques.	2018_P6S_WG, 2018_P6S_WK
KO1_W09	The graduate has knowledge of social and evolutionary psychology, neuropsychology and sociobiology, their key terms, theories and fundamental problems, also with regard to the dilemmas of modern civilization.	2018_P6S_WG, 2018_P6S_WK
KO1_W10	The graduate has knowledge of the mechanisms of human social behaviour and how to assess their social and cultural roles.	2018_P6S_WG, 2018_P6S_WK
KO1_W11	The graduate has knowledge of cognitive disorders and more broadly of the symptoms characteristic of people with mental diseases, their conditions and ways of influence.	2018_P6S_WG

KO1_W12	The graduate knows the cognitive mechanisms and processes, the tools for identifying and assessing them, the disorders of these processes and their social and cultural significance.	2018_P6S_WG, 2018_P6S_WK
KO1_W13	The graduate has knowledge of the basic methods used in modern psychology.	2018_P6S_WG
KO1_W14	The graduate has a basic knowledge of the structure (genetics, biochemistry, histology and anatomy) and mechanisms of functioning (physiology) of living organisms, especially humans.	2018_P6S_WG
KO1_W15	The graduate has knowledge of the structure and activities of the nervous system of animals, especially of humans.	2018_P6S_WG
KO1_W16	The graduate knows the main theses of the theory of evolution with particular focus on human origin.	2018_P6S_WG
KO1_W17	The graduate has a basic knowledge of human behaviour, covered by psychophysiology, ethology, sociobiology, memetics and psychiatry.	2018_P6S_WG
KO1_W18	The graduate has a basic knowledge of the techniques and research methods used in anatomy, physiology and neurobiology, taking into account behavioural sciences.	2018_P6S_WG
KO1_W19	The graduate understands relationships and is able to apply and link major concepts, theories and laws in the field of biology.	2018_P6S_WG
KO1_W20	The graduate knows the elementary terminology used in sociology and understands its sources and applications in related scientific disciplines.	2018_P6S_WG
KO1_W21	The graduate has a basic knowledge of the research methods and techniques used to study processes and social phenomena including communication phenomena related to interpersonal and media communication.	2018_P6S_WG
KO1_W22	The graduate has a basic knowledge of the mathematical methods and tools used in cognitive research.	
KO1_W23	The graduate has knowledge of the problems of language and its analysis in cognitive science.	2018_P6S_WG
KO1_W24	The graduate knows the basic terminology of linguistics and mind sciences; has knowledge of the divisions and subdivisions of cognitive linguistics.	2018_P6S_WG
KO1_W25	The graduate is familiar with the most important scientific journals and publications in the field of cognitive science and philosophy.	2018_P6S_WG
KO1_W26	The graduate has a basic knowledge of the main directions of development and the most important new developments in cognitive linguistics; can identify centres dedicated to the promotion, maintenance and development of cognitive linguistics.	2018_P6S_WG
KO1_W27	The graduate knows the assumptions and elements of methods of describing and interpreting cognitive problems; is aware of the conceptual diversity of its subdisciplines and philosophical sources of cognitive issues.	2018_P6S_WG
SKILLS		
KO1_U01	The graduate searches, analyses, evaluates, selects and uses information from the selected cognitive subdiscipline.	2018_P6S_UW
KO1_U02	The graduate can independently acquire knowledge, recognise and report a research problem in the context of philosophical issues and confront its solutions with other disciplines that contribute to cognitive science.	2018_P6S_UW
KO1_U03	The graduate listens with understanding to the oral presentation of ideas and arguments and participates in the related debate.	2018_P6S_UK, 2018_P6S_UO, 2018_P6S_UW
KO1_U04	The graduate correctly applies the learned specialized terminology of individual cognitive subdisciplines.	2018_P6S_UW
KO1_U05	The graduate accurately defines the concepts of colloquial language and correctly designs definitions of their own terms used in their own statements.	2018_P6S_UW
KO1_U06	The graduate knows the basics of logic, its proper terminology, and typical argumentation strategies.	2018_P6S_UK, 2018_P6S_UW
KO1_U07	The graduate justifies and criticizes generalizations in the light of available empirical evidence.	2018_P6S_UW
KO1_U08	The graduate translates a simple cognitive-related text from Polish into a foreign language and a cognitive-related text of moderate difficulty from a foreign language into Polish independently or in the group.	2018_P6S_UK, 2018_P6S_UO
KO1_U09	The graduate has the ability to understand and create various types of written and oral texts requiring systemic knowledge of the language in terms of its grammatical structures, lexis and phonetics; the graduate communicates in a foreign language using different communication channels and techniques to the extent typical of a given area of knowledge.	2018_P6S_UK
KO1_U10	The graduate conducts research work at the basic level under a scientific supervisor or a head of the research team.	2018_P6S_UO, 2018_P6S_UU, 2018_P6S_UW

KO1_U11	The graduate is familiar with the principles of publication of a scientific text in the field of cognitive science, including the principles of intellectual property protection and copyright, and has basic information about the recipients of cognitive literature.	2018_P6S_UO, 2018_P6S_UW
KO1_U12	The graduate can perform basic logical and algebraic operations and apply them in solving problems in the field of computer science, philosophy, linguistics and biology.	2018_P6S_UW
KO1_U13	The graduate can identify different types of artificial grammars, indicate typical cognitive issues related to such systems, and operate at least one artificial code in programming.	2018_P6S_UW
KO1_U14	The graduate can search for relevant files, work in text editors, spreadsheets and can create presentations.	2018_P6S_UU, 2018_P6S_UW
KO1_U15	The graduate can use a method of supporting decisions using genetic algorithms and artificial neural networks.	2018_P6S_UW
KO1_U16	The graduate can design the teaching path along with the evaluation process, both their own and of the teaching group, in the field of a selected basic philosophical issue of cognitive science, using a variety of multimedia means, e.g. distance learning platforms.	2018_P6S_UO, 2018_P6S_UU, 2018_P6S_UW
KO1_U17	The graduate can use various aspects of human behaviour in research, both in terms of mental, social and ethical respects, and can use the traumatic method in speculation about cognitive processes.	2018_P6S_UW
KO1_U18	The graduate can use different psychological methods to identify, study and shape different psychological phenomena in an individual and social dimension.	2018_P6S_UO, 2018_P6S_UW
KO1_U19	The graduate can recognize, analyse, explain and measure specific cognitive and social phenomena of human behaviour and apply appropriate therapeutic measures in this regard.	2018_P6S_UW
KO1_U20	The graduate can actively participate in discussions about specific social or psychological phenomena on an individual and collective basis.	2018_P6S_UO, 2018_P6S_UW
KO1_U21	The graduate can observe and interpret the basic symptoms of vital functions, in particular neurophysiological processes.	2018_P6S_UW
KO1_U22	The graduate knows the basic assumptions of neurophilosophy; the graduate can observe and interpret the basic symptoms of neurophysiological processes and indicate their interpretations.	2018_P6S_UU, 2018_P6S_UW
KO1_U23	The graduate can apply knowledge in neuroscience and ethology to describe individual and social behaviours of a human being.	2018_P6S_UW
KO1_U24	The graduate can associate knowledge from biology/neurobiology with philosophy, psychology, sociology and other knowledge disciplines.	2018_P6S_UW
KO1_U25	The graduate has the ability to make substantive arguments and think critically in respect to information/concepts related to neurobiology, theory of evolution, artificial intelligence and concepts that address these issues.	2018_P6S_UK, 2018_P6S_UW
KO1_U26	The graduate has the skills to prepare presentations, speeches and publications on neurobiological and behavioural issues with an indication of the most important philosophical problems related to them.	2018_P6S_UK, 2018_P6S_UU
KO1_U27	The graduate can use selected mathematical tools that are applied in various cognitive subdisciplines.	2018_P6S_UW
KO1_U28	The graduate can use the chosen method for the problem analysis and the appropriate terminology in the area of a given cognitive subdiscipline.	2018_P6S_UW
KO1_U29	The graduate knows how to analyse the text at each level.	2018_P6S_UW
KO1_U30	The graduate reports on relationship about problems of cognition and language, as well as awareness and language.	2018_P6S_UK, 2018_P6S_UO, 2018_P6S_UW
KO1_U31	The graduate has the ability to substantively argue and draw research conclusions with the deliberate use of the literature related to the selected subdiscipline of cognitive science.	2018_P6S_UO, 2018_P6S_UU, 2018_P6S_UW
KO1_U32	The graduate can conduct a substantive dialogue, considering the theses proposed by the discussed researcher or an academic teacher.	2018_P6S_UK, 2018_P6S_UW
SOCIAL COMPETENCES		
KO1_K01	The graduate knows the scope of their knowledge and skills, understands the need for lifelong learning and professional development.	2018_P6S_KK, 2018_P6S_KR

KO1_K02	The graduate is open to new ideas and ready to change their opinion in the light of the available data and arguments.	2018_P6S_KK, 2018_P6S_KO
KO1_K03	On the basis of a creative analysis of new situations and problems, the graduate independently formulates the propositions related to solving them.	2018_P6S_KK, 2018_P6S_KO
KO1_K04	The graduate independently undertakes and initiates simple research activities, observing the principles of ethics.	2018_P6S_KK, 2018_P6S_KR
KO1_K05	The graduate effectively organizes their own work and critically assesses its degree of progression.	2018_P6S_KK, 2018_P6S_KR
KO1_K06	The graduate is motivated to participate in social life and to promote the public interest.	2018_P6S_KO
KO1_K07	The graduate can reliably and in a timely manner carry out tasks by working in a group; the graduate can assess the skills of others in terms of their realisation of respective tasks.	2018_P6S_KK
KO1_K08	The graduate can communicate reliably, clearly and understandably not only to specialists on issues related to cognitive science, taking care of its achievements.	2018_P6S_KR, 2018_P7S_KO
KO1_K09	The graduate has competence in identifying and evaluating human social behaviours and cognitive processes, their disorders and evolutionary determinants.	2018_P6S_KK
KO1_K10	The graduate understands the ethical issues of responsibility for the relevance of the conveyed knowledge and the diagnosis of problems with scientific honesty and reliability and honesty in the event of a dispute.	2018_P6S_KO, 2018_P6S_KR
KO1_K11	The graduate is aware of the importance of cognitive reflection for the formation of social ties.	2018_P6S_KO, 2018_P6S_KR
KO1_K13	The graduate understands the need to track the progress in neurobiological knowledge and to improve competences in terms of its use in social practice.	2018_P6S_KK, 2018_P6S_KO