University of Silesia in Katowice

1.	Field of study	Cognitive Science
2.	Faculty	Faculty of Humanities
3.	Academic year of entry	2024/2025 (winter term)
4.	Level of qualifications/degree	first-cycle studies
5.	Degree profile	general academic
6.	Mode of study	part-time

7.	**General information about the module**
Module name	**Wprowadzenie do kognitywistyki**
Module code	KO1_WDK
Number of the ECTS credits	4
Language of instruction	
Purpose and description of the content of education	Celem zajęć jest wprowadzenie studentów w problematykę, zagadnienia oraz terminologię współczesnej kognitywistyki, zapoznanie z głównymi koncepcjami, dziedzinami i pojęciami kognitywistyki, ukazanie jej znaczenia dla współczesnej refleksji filozoficznej, psychologii i neuronauk oraz rozwinięcie umiejętności krytycznej analizy i oceny danych problemów z punktu widzenia kognitywistyki. Tematyka zajęć obejmuje badania i problemy związane z podstawowymi programami badawczymi w kognitywistyce, takimi jak: sztuczna inteligencja, sztuczne sieci neuronowe, uczenie maszynowe, mechanizmy i procesy poznawcze (wraz z ich ewolucyjną historią) oraz paradygmaty badania w neuronauce i poznaniu ucieleśnionym.
List of modules that must be completed before starting this module (if necessary)	not applicable

8.	**Learning outcomes of the module**			
Code	**Description**	**Learning outcomes of the programme**	**Level of competenc (scale 1-5)**
KO1_WDK_1	Zna w stopniu zaawansowanym badania kognitywistyczne pochodzące z takich dziedzin jak: filozofia, psychologia, językoznawstwo, biologia, informatyka.	KO1_W01	5
KO1_WDK_2	Rozpoznaje i klasyfikuje pojęcia i problemy kognitywistyki ze względu na dziedziny, z których pochodzą, dostrzegając ich interdyscyplinarny charakter.	KO1_W02	3
KO1_WDK_3	Ma zaawansowaną wiedzę na temat programów badawczych kognitywistyki, takich jak: komputacjonizm, psychologia ewolucyjna i poznawcza, poznanie ucieleśnione i ich odmian oraz rozpoznaje je w poszczególnych badaniach.	KO1_W07	4
KO1_WDK_4	Potrafi wyszukać źródła, analizuje zawarte w nich dane je i samodzielnie tworzy bibliografię dla najważniejszych problemów kognitywistyki.	KO1_U01	3
KO1_WDK_5	Potrafi na podstawie samodzielnie dobranej literatury opracować w formie pisemnej lub ustnej wybrany problem kognitywistyczny, łącząc wiedzę z różnych obszarów nauk o poznaniu.	KO1_U03	4
KO1_WDK_6	Potrafi współpracować z innymi studentkami i studentami w zakresie opracowywania interdyscyplinarnego zagadnienia kognitywistycznego z pogranicza takich dyscyplin jak: filozofia, psychologia, językoznawstwo, biologia, informatyka.	KO1_U10	3
KO1_WDK_7	Dba o dorobek kognitywistyki, stale podnosząc swoje kompetetencje w jej zakresie działa w sposób przedsiębiorczy,	KO1_K03	2

	przekazuje wiedzę kognitywistyczną w sposób jasny, precyzyjny i zrozumiały także dla laików, wskazując na jej istotne dla rozwoju społecznego elementy.	KO1_K04	3

9. Methods of conducting classes

Code	Category	Name (description)
a01	Lecture methods / expository methods	Formal lecture/ course-related lecture *a systematic course of study involving a synthetic presentation of an academic discipline; its implementation assumes a passive reception of the information provided*
b01	Problem-solving methods	Problem-based lecture *an analysis of a selected scientific or practical problem accompanied by its assessment and an attempt to provide a solution to the issues presented in the lecture as well as the indication of the consequences of the proposed solution*
b04	Problem-solving methods	Activating method – discussion / debate *an exchange of views supported by substantive arguments leading to a clash of different views, a compromise or the identification of common positions; it proceeds according to previously agreed-upon rules regarding the time, manner and turn-taking as well as the principles of civil discourse; a discussion is not a competition but aims at finding the best solutions or presenting different points of view; its varieties include brainstorming, Oxford-style debate, panel discussion, decision tree, conference discussion; a debate is an orderly dispute between supporters and opponents of a viewpoint, usually specialists in the field or pre-selected representatives of a group dealing with a common problem*
b07	Problem-solving methods	Activating methods: a case study *a comprehensive description of a phenomenon connected with the selected discipline; reflecting the reality, presenting the 'what', 'where' and 'how' of the phenomenon, i.e., all of its key aspects to be discussed in class; used as a reproduction, presentation, discussion or diagnosis of factors that shape the phenomenon or interact with it; an in-depth qualitative analysis and evaluation of a selected phenomenon*
b09	Problem-solving methods	Activating method – flipped classroom *anticipatory learning; work in class is based on previously studied material indicated by the person teaching the course; preparation outside the classroom serves the purpose of getting familiar with the issues whose knowledge is necessary for participating in the in-class discussion and the training in the related practical skills; the activity is based on the work of students under the guidance of the person teaching the course*

10. Forms of teaching

Code	Name	Number of hours	Assessment of the learning outcomes of the module	Learning outcomes of the module	Methods of conducting classes
KO1_WDK_k	discussion classes	20	course work	KO1_WDK_2, KO1_WDK_3, KO1_WDK_4, KO1_WDK_5, KO1_WDK_6	b04, b07, b09
KO1_WDK_w	lecture	15	exam	KO1_WDK_1, KO1_WDK_2, KO1_WDK_3, KO1_WDK_5, KO1_WDK_7	a01, b01

11. The student's work, apart from participation in classes, includes in particular:

Code	Category	Name (description)	Is it part of the BUNA?
a01	Preparation for classes	Search for materials and review activities necessary for class participation *reviewing literature, documentation, tools and materials as well as the specifics of the syllabus and the range of activities indicated in it as required for full participation in classes*	No

a02	Preparation for classes	Literature reading / analysis of source materials *reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class*	No
a04	Preparation for classes	Consulting materials complementary to those indicated in the syllabus *agreeing on materials complementary to those indicated in the syllabus, supporting the implementation of tasks resulting from or necessary for class participation*	Yes
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content *reading through the syllabus and getting acquainted with its content*	No
b02	Consulting the curriculum and the organization of classes	Verification / adjustment / discussion of syllabus provisions *consulting the content of the syllabus, possibly in the presence of the year tutor or members of the class group, and, if necessary, reassessing the provisions concerning special conditions for class participation, e.g., space and time requirements, technical and other requirements, including conditions for participation in classes outside the walls of the university, classes organized in blocks, organized online, etc.*	Yes
b03	Consulting the curriculum and the organization of classes	Consulting the schedule *getting acquainted with the class schedule, possibly in the presence of the year tutor, in order to optimize participation in classes, including those supplementary to the core subjects listed in the pursued study programme*	Yes
c01	Preparation for verification of learning outcomes	Determining the stages of task implementation contributing to the verification of learning outcomes *devising a task implementation strategy embracing the division of content, the range of activities, implementation time and/or the method(s) of obtaining the necessary materials and tools, etc.*	Yes
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class *exploring the studied content, inquiring, considering, assimilating, interpreting it, or organizing knowledge obtained from the literature, documentation, instructions, scenarios, etc., used in class as well as from the notes or other materials/artifacts made in class*	No
c03	Preparation for verification of learning outcomes	Implementation of an individual or group assignment necessary for course/phase/examination completion *a set of activities aimed at performing an assigned task, to be executed out of class, as an obligatory phase/element of the verification of the learning outcomes assigned to the course*	Yes

Information on the details of the module implementation in a given academic year can be found in the syllabus available in the USOS system: https://usosweb.us.edu.pl.