

1.	Field of study	Pedagogy
2.	Faculty	Faculty of Fine Arts and Educational Science
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	full-time

7.	General information about the module	
Module name		Therapy Methods for Specific Learning Difficulties in Mathematics
Module code		W6-PE-KO-S1-E2.MTSTM
Number of the ECTS credits		3
Language of instruction		Polish
Purpose and description of the content of education		Moduł umożliwia zdobycie wiedzy z dotyczącej specyficznych trudności w uczeniu się matematyki. Związku z dysleksją. Treści realizowane w module skupiają się na zagadnieniach dotyczących dyskalkulii i zaburzeń funkcji poznawczych ale również teoretycznych i praktycznych aspekty terapii dzieci z trudnościami w uczeniu się matematyki. Zakłada się, że wszystkie efekty uczenia się modułu będą realizowane w trakcie zajęć dydaktycznych w bezpośrednim i/lub pośrednim kontakcie z wykładowcą akademickim oraz podczas pracy własnej studenta.
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)	
PE-KO-S1E2.MTSTM_K_	student/studentka posiada świadomość poziomu swojej wiedzy i umiejętności, rozumie potrzebę ciągłego dokształcania się i rozwoju osobistego, dokonuje samooceny własnych kompetencji; charakteryzuje się kreatywnością, twórczą postawą w poszukiwaniu rozwiązywania problemów w codziennej pracy z dzieckiem z zaburzeniami matematycznymi	KN3_K06	2	
PE-KO-S1E2.MTSTM_U_1	student/studentka potrafi planować pracę, konstruować terapię, właściwie prowadzić dokumentację; potrafi wykorzystywać pozyskaną elementarną wiedzę w celu optymalizacji działań skierowanych w stronę dziecka ze specyficznymi trudnościami w matematyce oraz w sposób precyzyjny wypowiadać się na ten temat	KN3_U04 KN3_U05	3 3	
PE-KO-S1E2.MTSTM_W_1	student/studentka zna i rozumie terminologię, zagadnienia teoretyczne i praktyczne problemów oraz objawy zaburzeń u dzieci związanych z trudnościami w matematyce	KN3_W05	3	
PE-KO-S1E2.MTSTM_W_2	student/studentka zna i rozumie sposoby korekty, prawidłowego doboru metod pracy, rozwiązań metodycznych i ćwiczeń usprawniających procesy warunkujące opanowanie matematyki	KN3_W05	3	

9.	Methods of conducting classes		
Code	Category	Name (description)	
b04	Problem-solving methods	Activating method – discussion / debate	

		<p>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</p>
b07	Problem-solving methods	<p>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</p>
c07	Demonstration methods	<p>Screen presentation a presentation of synthetic image content using computer graphics, e.g., a series of slides or other multimedia forms, usually accompanied by a commentary; typical components of a screen presentation include text organized into bulleted points, charts, images and animations, sometimes sound effects or music; a multimedia illustration of course content presented in the form of a projected image</p>
d02	Programmed learning methods	<p>Working with a programmed textbook working with a textbook containing instructional material covering part of or the entire curriculum of the module as well as a formula for studying the content; includes working with a subject textbook, an atlas, a catalogue, a problem book, etc.</p>
d03	Programmed learning methods	<p>Working with another teaching tool e.g. using websites in any way or according to the rules set by the teacher; or making use of other subject-specific tools</p>
e06	Practical methods	<p>Observation also conducted as fieldwork; a method of watching phenomena, objects or people in a systematic/planned way in order to gain knowledge about them; perceptual separation of elements of a model action as an element of learning through imitation; a complex system of cognition based on sensory experiences</p>
e07	Practical methods	<p>Simulation an indirect method; imitating reality in order to gain experience approximating a real one; recreating a real-world situation so that its participant can acquire an experience close to the authentic one; work on "replacement" material</p>

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
PE-KO-S1-E2.MTS_fs_1	practical classes	45	course work	PE-KO-S1E2.MTSTM_K_, PE-KO-S1E2.MTSTM_U_1, PE-KO-S1E2.MTSTM_W_1, PE-KO-S1E2.MTSTM_W_2	b04, b07, c07, d02, d03, e06, e07

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 <i>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</i>	No
a02	Preparation for classes	Literature reading / analysis of source materials <i>reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source</i>	No

		<i>materials to be used in class</i>	
a03	Preparation for classes	Developing practical skills <i>activities involving the repetition, refinement and consolidation of practical skills, including those developed during previous classes or new skills necessary for the implementation of subsequent elements of the curriculum (as preparation for class participation)</i>	No
a04	Preparation for classes	Consulting materials complementary to those indicated in the syllabus <i>agreeing on materials complementary to those indicated in the syllabus, supporting the implementation of tasks resulting from or necessary for class participation</i>	Yes
a05	Preparation for classes	Production/preparation of tools, materials or documentation necessary for class participation <i>developing, preparing and assessing the usefulness of tools and materials (e.g. aids, scenarios, research tools, equipment, etc.) to be employed in class or as an aid when preparing for classes</i>	No
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content <i>reading through the syllabus and getting acquainted with its content</i>	Yes
b02	Consulting the curriculum and the organization of classes	Verification / adjustment / discussion of syllabus provisions <i>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.</i>	Yes
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class <i>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</i>	No
c03	Preparation for verification of learning outcomes	Implementation of an individual or group assignment necessary for course/phase/ examination completion <i>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</i>	No
d02	Consulting the results of the verification of learning outcomes	Development of a corrective action plan as well as supplementary/corrective tasks <i>reviewing and selecting tasks and activities enabling the elimination of errors indicated by the academic teacher, their verification or correction resulting in completing the task with at least the minimum passing grade</i>	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>.