1.	Field of study	**Pedagogy: Pre-School Education and Early School Education**
2.	Faculty	Faculty of Fine Arts and Educational Science
3.	Academic year of entry	2025/2026 (winter term)
4.	Level of qualifications/degree	long-cycle studies
5.	Degree profile	general academic
6.	Mode of study	part-time

7.	**General information about the module**

Module name	**Fundamentals of Technical Education in Kindergarten and Grades I-III**
Module code	PP-B8-PET
Number of the ECTS credits	3
Language of instruction	Polish
Purpose and description of the content of education	Moduł obejmuje merytoryczną wiedzę i umiejętności niezbędne nauczycielowi do skutecznej realizacji celów i treści z zakresu edukacji technicznej w pracy z dziećmi w wieku przedszkolnym i uczniami w młodszym wieku szkolnym. Efekty uczenia się będą realizowane w ramach wykładów, ćwiczeń oraz pracy własnej osób studiujących.
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)
PP-B8-PET_1	studentka/student zna i rozumie założenia, cele i treści kształcenia ogólnotechnicznego dzieci/uczniów, współczesne koncepcje i modele edukacji technicznej w Polsce i na świecie oraz sytuację dziecka w świecie współczesnej techniki i cechy charakterystyczne twórczości dziecięcej w zakresie techniki, jej osobowe i środowiskowe uwarunkowania (B.8.W1; B.8.W2; B.8.W3; B.8.W4)	PP_W_02 PP_W_10	2 2
PP-B8-PET_2	studentka/student potrafi popularyzować podstawy wiedzy technicznej wśród dzieci/uczniów, zapewnić im warunki bezpieczeństwa w otoczeniu techniki oraz zademonstrować umiejętność rozwiązywania praktycznych problemów związanych z techniką (B.8.U1; B.8.U2; B.8.U3)	PP_U_01 PP_U_03	2 3
PP-B8-PET_3	studentka/student przejawia gotowość do promocji zasad bezpiecznego posługiwania się urządzeniami technicznymi i fachowego wspierania zainteresowania dzieci/uczniów techniką (B.8.K1; B.8.K2)	PP_K_02	2

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*
a05	Lecture methods / expository methods	Explanation/clarification

		explication involving the derivation of a predetermined theorem from other, already known ones, in the number of steps specified by the person teaching the course
b02	Problem-solving methods	Lecture-discussion *transmission of content involving interaction with the lecture audience; discussion of lecture-related issues is one of its elements or constitutes its follow-up*
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*
c01	Demonstration methods	Exhibition *preparing an object for public display and displaying it in order to elicit a specific reaction; creating a themed collection of specimens/objects/works to illustrate a specific issue*
c02	Demonstration methods	Video show *reproducing a film or video material in its entirety or in fragments in order to illustrate the content taught in class, to submit it to analysis and evaluation or to use it as an exercise in image perception; a film/video can be a work of art, an illustration (also technical illustration) of a content/phenomenon/object, a private record of an action, a media image, etc.*
c07	Demonstration methods	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*
d03	Programmed learning methods	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*
f03	Methods of self-learning	Conceptual work *a (mainly intellectual) activity carried out independently (or in a selected group) resulting in the creation of a concept, idea or project; creating a plan based on a vision; developing a general outline of a project; producing a simplified sketch of the variant versions of a procedure/product/work*

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**
PP-B8-PET_fns_1	lecture	10	course work	PP-B8-PET_1	a01, b02, c01, c02, c07
PP-B8-PET_fns_2	practical classes	10	course work	PP-B8-PET_1, PP-B8-PET_2, PP-B8-PET_3	a05, b04, c01, c07, d03, f03

11.	The student's work, apart from participation in classes, includes in particular:		
Code	**Category**	**Name (description)**	**Is it part of the BUNA?**
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

a03	Preparation for classes	Developing practical skills *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)*	No
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
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
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*	No
d01	Consulting the results of the verification of learning outcomes	Analysis of the corrective feedback provided by the academic teacher on the results of the verification of learning outcomes *reading through the academic teacher's comments, assessments and opinions on the implementation of the task aimed at checking the level of the achieved learning outcomes*	No

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.