

1.	<b>Field of study</b>	<b>Music in Multimedia</b>
2.	Faculty	Faculty of Fine Arts and Educational Science
3.	Academic year of entry	2023/2024 (winter term), 2024/2025 (winter term)
4.	Level of qualifications/degree	first-cycle studies
5.	Degree profile	practical
6.	Mode of study	full-time

7.	<b>General information about the module</b>	
<b>Module name</b>		<b>Digital audio technology 3</b>
Module code		W6-MM-S1-TCD3
Number of the ECTS credits		2
Language of instruction		Polish
Purpose and description of the content of education		Celem modułu jest pozyskanie wiedzy na temat cyfrowej obróbki sygnału dźwiękowego czy też sygnału dźwiękowego w domenie cyfrowej, przekazanie wiedzy niezbędnej dla samodzielnej, pełnej i świadomej obróbki sygnału dźwiękowego ze szczególnym uwzględnieniem warstwy muzycznej, a także uruchomienie procesów intelektualnych, percepcyjnych oraz twórczych, prowadzących do skutecznego zastosowania wielu aspektów cyfrowej obróbki dźwięku w samodzielnej realizacji własnych koncepcji twórczych.
List of modules that must be completed before starting this module (if necessary)		[W6-MM-S1-TCD1] Digital audio technology 1 [W6-MM-S1-TCD2] Digital audio technology 2

8.	<b>Learning outcomes of the module</b>			
Code	Description	Learning outcomes of the programme	Level of competenc (scale 1-5)	
W6-MM-S1-TCD3_1	Posiada wiedzę z zakresu akustyki oraz techniki przetwarzania dźwięku, w tym obróbki sygnału dźwiękowego oraz konwersji analogowo-cyfrowej i cyfrowo-analogowej.	W6-MM-S1-W03 W6-MM-S1-W04	3 3	
W6-MM-S1-TCD3_2	Zna literaturę oraz aktualne nurty związane z kierunkiem studiów, a także ma wiedzę na temat technologii związanych z warstwą muzyczną i dźwiękową form audiowizualnych i gier komputerowych.	W6-MM-S1-W04	3	
W6-MM-S1-TCD3_3	Potrafi posługiwać się terminologią fachową z zakresu techniki przetwarzania dźwięku oraz realizacji warstwy dźwiękowej form audiowizualnych, a także wykorzystywać różnorodne elektroniczne i komputerowe metody kształtowania materiału muzycznego i dźwiękowego	W6-MM-S1-U04 W6-MM-S1-U06	3 3	
W6-MM-S1-TCD3_4	Wykazuje kompetencje społeczne związane z nawiązywaniem kontaktów, budowaniem relacji międzyludzkich niezbędnych dla prawidłowego i efektywnego realizowania założeń realizacji utworu audiowizualnego, z uwzględnieniem znaczenia warstwy dźwięku.	W6-MM-S1-K02	3	

9.	<b>Methods of conducting classes</b>		
Code	Category	Name (description)	
a03	Lecture methods / expository methods	Description <i>a description of objects, phenomena, processes or people; it involves specifying the structure and characteristic features of the object, phenomenon, or process being described; it is usually accompanied by a demonstration of the described object</i>	

		or by its models, drawings, tables, charts, etc.; a description may take the form of an explanation, classification, justification or comparison
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
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
d01	Programmed learning methods	Working with a computer e.g., Webquest; implementation of educational tasks using electronic and digital devices, computer programs and Internet applications; the academic teacher acts as a consultant; students' work is carried out step by step according to the plan laid down by the person teaching the course and following his instructions, and proceeds towards producing the indicated results within the set deadline
e01	Practical methods	Laboratory exercise / experiment [also conducted as fieldwork] a method of practical application of knowledge; implemented in three stages: the recognition of a problem induced by the task content, the formulation of the problem and the attempt to solve it accompanied by the assessment of the effects; the goal is to acquire skills, abilities and habits, and to consolidate the acquired knowledge so that it becomes operational; the laboratory method assumes greater independence of learners than carrying out an experiment
e03	Practical methods	Creation/production – creative workshop an activity involving creating/producing a work/artifact based on the individual, creative effort of the participant; the creative workshop is characterized by the presence and openness which make it possible to access the essence of the work/peculiarity of the artifact at every stage of its creation/production

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
W6-MM-S1-TCD3_fs1	practical classes	30	course work	W6-MM-S1-TCD3_1, W6-MM-S1-TCD3_2, W6-MM-S1-TCD3_3, W6-MM-S1-TCD3_4	a03, b01, c07, d01, e01, e03

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